



This is a list of the major reinforcing fabrics and res

Summary of Selected Resin Systems

Name	Type
EP-1	Epoxy
EP1a	Epoxy
EP-2	Epoxy
EP-3	Epoxy
EP-4	Epoxy
EP-5	Epoxy
EP-6	Epoxy
EP-7	Epoxy
EP-8	Epoxy
EP-9	Epoxy
EP-10	Epoxy
UP-1	Polyester
UP-2	Polyester
UP-3	Polyester
UP-4	Polyester
UP-5	Polyester
VE-1	Vinyl ester
VE-2	Vinyl ester
VE2a	Vinyl ester
VE-3	Vinyl ester
VE-4	Vinyl ester
VE-5	Vinyl ester
VE-6	Vinyl ester
VE-7	Vinyl ester

Summary of Selected Fabrics used in

	Fabric Manufacturer
A	Knytex
B	Saertex
C	Saertex
D	Vectorply

E	Vectorply
F	Vectorply
G	Vectorply
H	PPG-Devold LLC
I	OCV
J	OCV
K	OCV
L	Saertex
M1	Fiber Glass Ind.
M2	Knytex
N	Vectorply
O	OCV
P	PPG-Devold LLC
Q	Knytex
R	Saertex
S	Toray

sin systems used in this database. Further information and data for systems

s used in the Database

Resin
Hexion MGS RIMR 135/MGS RIMH 1366
Hexion MGS RIMR 135/MGS RIMH 1366
Vantico TDT 177-155
SP Systems/Gurit Prime 20LV, with slow hardener
Huntsman Araldite LY1564/XB3485
Hexion RIMR135 / RIMH137
Jeffco 1401-12/4101-17
DOW un-toughened epoxy
DOW toughened epoxy
Hexion RIMR 035C/ RIMH 037
Hexion RIMR 145/RIMH 145/ RIMC 145 (100:82:0.3 by wt)
U-Pica/Hexion TR-1 with 1.5% MEKP
CoRezyn 63-AX-051 with 1% MEKP
Ashland AROPOL 1101-006 LGT with 1.5% DDM-9 MEKP
CoRezyn 75-AQ-010 with 2.0% MEKP
Reichhold PolyLite X4627-31
Ashland Derakane Momentum 411-350 with 0.1% CoNap, 1% MEKP and 0.02 phr 2,4-Pentanedione
Ashland Derakane 8084 with 0.3% CoNap and 1.5% MEKP
Ashland Derakane 8084 with 6% ETBN
Ashland Derakane 411-200
Reichhold Dion X4486-14
Reichhold Dion X4235-91
Reichhold Dion X4627-39
Ashland 601-200

n the Database

Designation
D155
U14EU920-00940-T1300-100000
S15EU980-01660-T1300-088000
E-LT-5500

E-LM-1810
E-LM-3610
E-LM-3900
L1200/G50-E07
1000UD
1200UD
1322UD
VU-90079-00830-01270-000000
SX-1708
DBM-1708
E-BX-1700
WindStrand DB1000
DB810-E05-A
DB240
MMWK Triax, Glass/carbon/glass
ACM-13-2 carbon (300-48k-10C yarn)

not listed here can be found in the published papers and contractors reports.

Cure and Post Cure Temperature, °C
24h/20C, 12h/90C
24h/35C, 12h/70C
24h/20C, 8h/70C
24h/20C, 16h/50C
60C and 82C
24h/20C, 8h/70C
24h/20C, 14h/60C, 2h/85C
24h/20C, 12h/90C
24h/20C, 12h/90C
6h/70 C
Infused at 80C, ramped up to 120C in 40 minutes, held 4 hours, cooled to 80C and held for 8 hours
24h/20C, 12h/90C
6h/20C, 2h/60 C
Unspecified / 3h/65C
6h/20C, 2 h/60 C
24h/25C, 12h/70C
24h/20C, 2h/100C
24h/20C, 12h/90C
24h/20C, 12h/90C
Not specified
24h/25C, 12h/70C
24h/35C, 12h/70C
24h/25C, 12h/70C
24h/25C, 12h/70C

Areal Wt. (g/m ²)	Component Strands		
	0°	±45°	90°
527	0	0	99
955	91	0	8
1682	97	0	2
1875	92	0	6

932	67	0	0
1515	80	0	0
1346	90	0	9
1261	91	0	4
985	96	0	2
1150	95	0	4
1450	95	0	4
831	0	97	2
857	0	68	0
857	0	68	0
608	0	99	0
1000	5	94	0
808	0	99	0
837	0	98	0
970	69	31	0
600	100	0	0

Warp Dir.(wt.%)	
Mat	Stitch
0	1
0	1
0	1
0	2

32	1
20	0
0	1
4	1
0	2
0	1
0	1
0	1
30	2
30	2
0	1
0	1
0	1
0	2
0	NA
0	NA

Material	Lay-up	Vf, % Resin Type
Balanced_Full_Satur	[±30]	48.9 EP
Balanced_Full_Satur	[±30]	48.9 EP
Balanced_Full_Satur	[±30]	48.9 EP
Balanced_Full_Satur	[±15]	50.2 EP
Balanced_Full_Satur	[±15]	50.2 EP
Balanced_Full_Satur	[±15]	50.2 EP
Balanced_Full_Satur	[±45]	48.6 EP
Balanced_Full_Satur	[±45]	48.6 EP
Balanced_Full_Satur	[±45]	48.6 EP
Unbalanced_Full_Satur	[15]2	50.3 EP
Unbalanced_Full_Satur	[15]2	50.3 EP
Unbalanced_Full_Satur	[15]2	50.3 EP
Unbalanced_Full_Satur	[30]2	50.3 EP
Unbalanced_Full_Satur	[30]2	50.3 EP
Unbalanced_Full_Satur	[30]2	50.3 EP
Unbalanced_Full_Satur	[45]2	50.3 EP
Unbalanced_Full_Satur	[45]2	50.3 EP
Unbalanced_Full_Satur	[45]2	50.3 EP
Balanced_Dry	[±30]	48.9 EP
Balanced_Dry	[±30]	48.9 EP
Balanced_Dry	[±30]	48.9 EP
Balanced_Dry	[±15]	50.2 EP
Balanced_Dry	[±15]	50.2 EP
Balanced_Dry	[±15]	50.2 EP
Balanced_Dry	[±45]	48.6 EP
Balanced_Dry	[±45]	48.6 EP
Balanced_Dry	[±45]	48.6 EP
Unbalanced_Dry	[15]2	47.2 EP
Unbalanced_Dry	[15]2	47.2 EP
Unbalanced_Dry	[15]2	47.2 EP
Unbalanced_Dry	[15]2	47.2 EP
Unbalanced_Dry	[30]2	47.2 EP
Unbalanced_Dry	[30]2	47.2 EP
Unbalanced_Dry	[30]2	47.2 EP
Unbalanced_Dry	[30]2	47.2 EP
Unbalanced_Dry	[45]2	47.2 EP
Unbalanced_Dry	[45]2	47.2 EP
Unbalanced_Dry	[45]2	47.2 EP
Unbalanced_Dry	[45]2	47.2 EP
Partial_Saturation_300h	[0/90]s	56.4 EP
Partial_Saturation_300h	[0/90]s	56.4 EP
Partial_Saturation_300h	[0/90]s	56.4 EP
Partial_Saturation_300h	[0/90]s	56.4 EP

Partial_Saturation_300h	[0/90]s	56.4	EP
Partial_Saturation_300h	[90/0]s	56.2	EP
Partial_Saturation_300h	[90/0]s	55.2	EP
Partial_Saturation_300h	[90/0]s	55.2	EP
Partial_Saturation_300h	[90/0]s	58.6	EP
Partial_Saturation_300h	[90/0]s	55.2	EP
Partial_Saturation_750h	[0/90]s	56.2	EP
Partial_Saturation_750h	[0/90]s	56.4	EP
Partial_Saturation_750h	[0/90]s	56.4	EP
Partial_Saturation_750h	[0/90]s	55.2	EP
Partial_Saturation_750h	[0/90]s	56.5	EP
Partial_Saturation_750h	[90/0]s	55.2	EP
Partial_Saturation_750h	[90/0]s	55.2	EP
Partial_Saturation_750h	[90/0]s	55.2	EP
Partial_Saturation_750h	[90/0]s	58.6	EP
Partial_Saturation_750h	[90/0]s	55.2	EP
DB-BIAX	(±45)4	60.6	EP-9
DB-BIAX	(±45)4	59.4	EP-9
DB-BIAX	(±45)4	59.4	EP-9
DB-BIAX	(±45)4	59.2	EP-9
DB-BIAX	(±45)4	60.3	EP-9
DB-BIAX	(±45)4	59.4	EP-9
DB-BIAX	(±45)4	60.3	EP-9
DB-BIAX	(±45)4	59.4	EP-9
DB-BIAX	(±45)4	59.4	EP-9
DB-BIAX	(±45)4	57.0	EP-10
DB-BIAX	(±45)4	59.2	EP-10
DB-BIAX	(±45)4	59.4	EP-10
DB-BIAX	(±45)4	55.4	EP-10
DB-BIAX	(±45)4	59.4	EP-10
DB-BIAX	(±45)4	59.4	EP-10
DB-BIAX	(±45)4	56.7	EP-10
DB-BIAX	(±45)4	56.7	EP-10
DB-BIAX	(±45)4	57.8	EP-10
DB-BIAX	(±45)4	60.3	EP-10
DB-BIAX	(±45)4	60.3	EP-10
DB-BIAX-DH3-EP1	(+/-45)6	56	EP1
DB-BIAX-DH3-EP1	(+/-45)6	56	EP1
DB-BIAX-DH3-EP1	(+/-45)6	55.7	EP1
DB-BIAX-DH3-EP1	(+/-45)6	55.7	EP1
DB-BIAX-DH3-EP1	(+/-45)6	55.7	EP1
DB-BIAX-DH3-EP1	(+/-45)6	55.9	EP1
DB-BIAX-DH3-EP1	(+/-45)6	56.6	EP1
DB-BIAX-DH3-EP1	(+/-45)6	55.7	EP1
DB-BIAX-DH3-EP1	(+/-45)6	55.9	EP1
DB-BIAX-DH3-EP1	(+/-45)6	56.4	EP1

[illegible]

UNI-PPG1250-EP9	(0)2	57.2	EP-9
UNI-PPG1250-EP9	(0)2	58.6	EP-9
UNI-PPG1250-EP9	(0)2	58.6	EP-9
UNI-PPG1250-EP9	(0)2	58.6	EP-9
UNI-PPG1250-EP9	(0)2	59.3	EP-9
UNI-PPG1250-EP9	(0)2	56.8	EP-9
UNI-PPG1250-EP9	(0)2	57.2	EP-9
UNI-PPG1250-EP9	(0)2	57.2	EP-9
UNI-PPG1250-EP9	(0)2	56.5	EP-9
UNI-PPG1250-EP9	(0)2	56.8	EP-9
UNI-PPG1250-EP9	(0)2	56.8	EP-9
UNI-PPG1250-EP9	(0)2	55.8	EP-9
UNI-PPG1250-EP9	(0)2	57.5	EP-9
UNI-PPG1250-EP9	(0)2	57.5	EP-9
UNI-PPG1250-EP9	(0)2	57.5	EP-9
UNI-PPG1250-EP9	(0)2	56.8	EP-9
UNI-PPG1250-EP9	(0)2	57.2	EP-9
UNI-PPG1250-EP9	(0)2	56.5	EP-9
UNI-PPG1250-EP9	(0)2	58.6	EP-9
UNI-PPG1250-EP9	(0)2	60	EP-9
UNI-PPG1250-EP9	(0)2	56.8	EP-9
UNI-PPG1250-EP9	(0)2	57.5	EP-9
UNI-PPG1250-EP9	(0)2	56.5	EP-9
UNI-PPG1250-EP9	(0)2	58.5	EP-9
UNI-PPG1250-EP9	(0)2	58.6	EP-9
UNI-PPG1250-EP9	(0)2	58.6	EP-9
UNI-PPG1250-EP9	(0)2	56.8	EP-9
UNI-PPG1250-EP9	(0)2	55.5	EP-9
UNI-PPG1250-EP9	(0)2	54.3	EP-9
UNI-PPG1250-EP9	(0)2	57.5	EP-9
UNI-PPG1250-EP9	(0)2	55.8	EP-9
UNI-PPG1250-EP9	(0)2	56.5	EP-9
UNI-PPG1250-EP9	(0)2	56.8	EP-9
UNI-PPG1250-EP9	(0)2	57.5	EP-9
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UNI-PPG1250-EP9	(0)2	56.5	EP-9

[illegible]

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UNI-PPG1250-EP10	(0)2	61.5	EP-10
UNI-PPG1250-EP10	(0)2	58.2	EP-10
UNI-PPG1250-EP10	(0)2	58.2	EP-10
UNI-PPG1250-EP10	(0)2	60.4	EP-10
UNI-PPG1250-EP10	(0)2	60.4	EP-10
UNI-PPG1250-EP10	(0)2	60	EP-10
UNI-PPG1250-EP10	(0)2	60	EP-10
UNI-PPG1250-EP10	(0)2	60.4	EP-10
UNI-PPG1250-EP10	(0)2	60.8	EP-10
UNI-PPG1250-EP10	(0)2	58.6	EP-10
UNI-PPG1250-EP10	(0)2	59.3	EP-10
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UNI-PPG1250-EP10	(0)2	61.5	EP-10
UNI-PPG1250-EP10	(0)2	60.4	EP-10
UNI-PPG1250-EP10	(0)2	59.3	EP-10
UNI-PPG1250-EP10	(0)2	58.9	EP-10
UNI-PPG1250-EP10	(0)2	59.2	EP-10
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UNI-PPG1250-EP10	(0)2	60	EP-10
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UNI-PPG1250-EP10	(0)2	58.9	EP-10
UNI-PPG1250-EP10	(0)2	60.4	EP-10
UNI-PPG1250-EP10	(0)2	58.6	EP-10
UNI-PPG1250-EP10	(0)2	58.9	EP-10
UNI-PPG1250-EP10	(0)2	58.2	EP-10
UNI-PPG1250-EP10	(0)2	59.3	EP-10
UNI-PPG1250-EP10	(0)2	60.4	EP-10
UNI-PPG1250-EP10	(0)2	58.9	EP-10
UNI-PPG1250-EP10	(0)2	60.4	EP-10
UNI-PPG1250-EP10	(0)2	59.3	EP-10
UNI-PPG1250-EP10	(0)2	56.5	EP-10
UNI-PPG1250-EP10	(0)2	58.9	EP-10
UNI-PPG1250-EP10	(0)2	58.6	EP-10
UNI-PPG1250-EP10	(0)2	58.9	EP-10
UNI-PPG1250-EP10	(0)2	58.9	EP-10

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UNI-PPG1250-EP1	[0]2	42.8	EP1
UNI-PPG1250-EP1	[0]2	41.4	EP1
UNI-PPG1250-EP1	[0]2	41.6	EP1
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UNI-PPG1250-EP1	[0]6	59.7	EP1
UNI-PPG1250-EP1	[0]6	60.0	EP1
UNI-PPG1250-EP1	[0]6	60.2	EP1
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UNI-PPG1250-EP1	[0]6	59.4	EP1
UNI-PPG1250-EP1	[0]6	59.4	EP1
UNI-PPG1250-EP1	[0]6	59.7	EP1
UNI-PPG1250-EP1	[0]6	59.4	EP1
UNI-PPG1250-EP1	[0]6	59.9	EP1
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UNI-PPG1250-EP1	[90]6	60.5	EP1
UNI-PPG1250-EP1	[90]6	58.7	EP1
UNI-PPG1250-EP1	[90]6	60.5	EP1
UNI-PPG1250-EP1	[90]6	59.0	EP1
UNI-PPG1250-EP1	[90]6	59.7	EP1
UNI-PPG1250-EP1	[90]6	61.3	EP1
UNI-PPG1250-EP1	[90]6	60.2	EP1
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UNI-PPG1250-EP1	[90]6	60.6	EP1

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UNI-PPG1250-EP1	(0)6	56.4	EP1
UNI-PPG1250-EP1	(0)6	56.9	EP1
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UNI-PPG1250-EP1	(0)6	55.7	EP1
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UNI-PPG1250-EP1	(90)6	56.4	EP1
UNI-PPG1250-EP1	(90)6	56.8	EP1
UNI-PPG1250-EP1	(90)6	57.4	EP1
UNI-PPG1250-EP1	(90)6	57.1	EP1
UNI-PPG1250-EP1	(90)6	56.6	EP1
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UNI-PPG1250-EP1	(90)6	56.0	EP1
UNI-PPG1250-EP1	(90)6	57.5	EP1
UNI-PPG1250-EP1	(90)6	56.1	EP1
UNI-PPG1250-EP1	(90)6	56.2	EP1
UNI-PPG1250-EP1	(90)6	57.1	EP1
UNI-PPG1250-EP1	(90)6	57.2	EP1
UNI-PPG1250-EP1	(0)2	62.0	EP1
UNI-PPG1250-EP1	(0)2	58.7	EP1
UNI-PPG1250-EP1	(0)2	59.6	EP1
UNI-PPG1250-EP1	(0)2	60.0	EP1
UNI-PPG1250-EP1	(0)2	57.8	EP1
UNI-PPG1250-EP1	(0)2	57.3	EP1
UNI-PPG1250-EP1	(0)2	59.1	EP1
UNI-PPG1250-EP1	(0)2	59.1	EP1
UNI-PPG1250-EP1	(0)2	59.1	EP1
UNI-PPG1250-EP1	(0)2	59.6	EP1
UNI-PPG1250-EP1	(0)6	56.8	EP1
UNI-PPG1250-EP1	(0)6	56.5	EP1
UNI-PPG1250-EP1	(0)6	55.7	EP1
UNI-PPG1250-EP1	(0)6	57.2	EP1
UNI-PPG1250-EP1	(0)6	57.2	EP1
UNI-PPG1250-EP1	(0)6	57.1	EP1
UNI-PPG1250-EP1	(0)6	55.5	EP1
UNI-PPG1250-EP1	(0)6	56.2	EP1
UNI-PPG1250-EP1	(0)6	56.4	EP1
UNI-PPG1250-EP1	(0)6	57.1	EP1
UNI-PPG1250-EP1	(90)6	56.8	EP1
UNI-PPG1250-EP1	(90)6	56.5	EP1
UNI-PPG1250-EP1	(90)6	55.3	EP1
UNI-PPG1250-EP1	(90)6	56.5	EP1
UNI-PPG1250-EP1	(90)6	55.5	EP1
UNI-PPG1250-EP1	(90)6	56.5	EP1
UNI-PPG1250-EP1	(90)6	55.5	EP1
UNI-PPG1250-EP1	(90)6	56.1	EP1
UNI-PPG1250-EP1	(90)6	56.5	EP1
UNI-PPG1250-EP1	(90)6	55.5	EP1
UNI-PPG1250-EP1	(90)6	56.2	EP1
UNI-PPG1250-EP1	(90)6	55.8	EP1
UNI-PPG1250-EP1	(90)6	55.5	EP1
UNI-PPG1250-EP1	(90)6	57.4	EP1
UNI-PPG1250-EP1	(90)6	57.8	EP1
UNI-PPG1250-EP1	(90)6	55.7	EP1
UNI-PPG1250-EP1	(90)6	55.8	EP1
UNI-PPG1250-EP1	(90)6	55.7	EP1
UNI-PPG1250-EP1	(90)6	57.4	EP1
UNI-PPG1250-EP1	(90)6	54.8	EP1
UNI-PPG1250-EP1	(0)2	59.6	EP1
UNI-PPG1250-EP1	(0)2	55.3	EP1
UNI-PPG1250-EP1	(0)2	61.5	EP1
UNI-PPG1250-EP1	(0)2	57.3	EP1
UNI-PPG1250-EP1	(0)2	59.6	EP1

UNI-PPG1250-EP1	(0)2	58.7	EP1
UNI-PPG1250-EP1	(0)2	57.8	EP1
UNI-PPG1250-EP1	(0)2	57.8	EP1
UNI-PPG1250-EP1	(0)2	59.1	EP1
UNI-PPG1250-EP1	(0)2	56.1	EP1
UNI-PPG1250-EP1	(0)6	57.1	EP1
UNI-PPG1250-EP1	(0)6	56.1	EP1
UNI-PPG1250-EP1	(0)6	56.6	EP1
UNI-PPG1250-EP1	(0)6	55.1	EP1
UNI-PPG1250-EP1	(0)6	54.6	EP1
UNI-PPG1250-EP1	(0)6	56.6	EP1
UNI-PPG1250-EP1	(0)6	54.9	EP1
UNI-PPG1250-EP1	(0)6	55.4	EP1
UNI-PPG1250-EP1	(0)6	56.5	EP1
UNI-PPG1250-EP1	(0)6	56.2	EP1
UNI-PPG1250-EP1	(90)6	56.6	EP1
UNI-PPG1250-EP1	(90)6	56.8	EP1
UNI-PPG1250-EP1	(90)6	56.1	EP1
UNI-PPG1250-EP1	(90)6	56.6	EP1
UNI-PPG1250-EP1	(90)6	56.4	EP1
UNI-PPG1250-EP1	(90)6	54.9	EP1
UNI-PPG1250-EP1	(90)6	55.5	EP1
UNI-PPG1250-EP1	(90)6	56.9	EP1
UNI-PPG1250-EP1	(90)6	55.5	EP1
UNI-PPG1250-EP1	(90)6	55.5	EP1
UNI-PPG1250-EP1	(90)6	55.1	EP1
UNI-PPG1250-EP1	(90)6	57.4	EP1
UNI-PPG1250-EP1	(90)6	56.2	EP1
UNI-PPG1250-EP1	(90)6	56.6	EP1
UNI-PPG1250-EP1	(90)6	55.8	EP1
UNI-PPG1250-EP1	(90)6	55.3	EP1
UNI-PPG1250-EP1	(90)6	56.6	EP1
UNI-PPG1250-EP1	(90)6	56.0	EP1
UNI-PPG1250-EP1	(90)6	55.4	EP1
UNI-PPG1250-EP1	(90)6	55.5	EP1
UNI-PPG1250-VE7	(0)2	57.7	VE7
UNI-PPG1250-VE7	(0)2	57.7	VE7
UNI-PPG1250-VE7	(0)2	58.7	VE7
UNI-PPG1250-VE7	(0)2	57.3	VE7
UNI-PPG1250-VE7	(0)2	58.7	VE7
UNI-PPG1250-VE7	(0)2	59.4	VE7
UNI-PPG1250-VE7	(0)2	60.2	VE7
UNI-PPG1250-VE7	(0)2	59.4	VE7
UNI-PPG1250-VE7	(0)2	58.4	VE7
UNI-PPG1250-VE7	(0)2	57.3	VE7
UNI-PPG1250-VE7	(0)2	58.7	VE7
UNI-PPG1250-VE7	(0)2	58.7	VE7
UNI-PPG1250-VE7	(0)2	57.7	VE7
UNI-PPG1250-VE7	(0)2	57.3	VE7
UNI-PPG1250-VE7	(0)2	58.7	VE7
UNI-PPG1250-VE7	(0)2	55.4	VE7
UNI-PPG1250-VE7	(0)2	55.4	VE7
UNI-PPG1250-VE7	(0)2	55.4	VE7

UNI-PPG1250-EP1	(0)2	56.7	EP1
UNI-PPG1250-EP1	(0)2	59.1	EP1
UNI-PPG1250-EP1	(0)2	59.1	EP1
UNI-PPG1250-EP1	(0)2	59.4	EP1
UNI-PPG1250-EP1	(0)2	57.3	EP1
UNI-PPG1250-EP1	(0)2	57.3	EP1
UNI-PPG1250-EP1	(0)2	57.3	EP1
UNI-PPG1250-EP1	(0)2	57.3	EP1
UNI-PPG1250-EP1	(0)2	57.7	EP1
UNI-PPG1250-EP1	(0)2	55.4	EP1
UNI-PPG1250-EP1	(0)2	52.4	EP1
UNI-PPG1250-EP1	(0)2	52.7	EP1
UNI-PPG1250-EP1	(0)2	55.4	EP1
UNI-PPG1250-EP1	(0)2	56.0	EP1
UNI-PPG1250-EP1	(0)2	55.4	EP1
UNI-PPG1250-EP1	(0)2	58.7	EP1
UNI-PPG1250-EP1	(0)2	54.7	EP1
UNI-PPG1250-EP1	(0)2	57.7	EP1
UNI-PPG1250-EP1	(0)2	55.7	EP1
UNI-PPG1250-VE7	(0)2	53.0	VE7
UNI-PPG1250-VE7	(0)2	55.7	VE7
UNI-PPG1250-VE7	(0)2	53.7	VE7
UNI-PPG1250-VE7	(0)2	55.7	VE7
UNI-PPG1250-VE7	(0)2	56.1	VE7
UNI-PPG1250-VE7	(0)2	55.3	VE7
UNI-PPG1250-VE7	(0)2	54.5	VE7
UNI-PPG1250-VE7	(0)2	54.1	VE7
UNI-PPG1250-VE7	(0)2	54.5	VE7
UNI-PPG1250-VE7	(0)2	56.9	VE7
UNI-PPG1250-VE7	(0)2	53.0	VE7
UNI-PPG1250-VE7	(0)2	56.1	VE7
UNI-PPG1250-VE7	(0)2	53.3	VE7
UNI-PPG1250-VE7	(0)2	53.3	VE7
UNI-PPG1250-VE7	(0)2	53.0	VE7
UNI-PPG1250-VE7	(0)2	54.5	VE7
UNI-PPG1250-VE7	(0)2	57.3	VE7
UNI-PPG1250-VE7	(0)2	54.5	VE7
UNI-PPG1250-VE7	(0)2	54.5	VE7
UNI-PPG1250-VE7	(0)2	54.9	VE7
UNI-PPG1250-VE7	(0)2	54.1	VE7
UNI-PPG1250-VE7	(0)2	53.3	VE7
UNI-PPG1250-VE7	(0)2	55.7	VE7
UNI-PPG1250-VE7	(0)2	53.3	VE7
UNI-PPG1250-VE7	(0)2	54.1	VE7
UNI-PPG1250-VE7	(0)2	55.3	VE7
UNI-PPG1250-VE7	(0)2	54.9	VE7
UNI-PPG1250-VE7	(0)2	54.1	VE7
UNI-PPG1250-VE7	(0)2	55.7	VE7
UNI-PPG1250-VE7	(0)2	55.3	VE7
UNI-PPG1250-EP1	(0)2	53.3	EP1
UNI-PPG1250-EP1	(0)2	53.0	EP1
UNI-PPG1250-EP1	(0)2	52.2	EP1

UNI-PPG1250-EP1	(0)2	53.0	EP1
UNI-PPG1250-EP1	(0)2	54.1	EP1
UNI-PPG1250-EP1	(0)2	54.5	EP1
UNI-PPG1250-EP1	(0)2	54.1	EP1
UNI-PPG1250-EP1	(0)2	54.9	EP1
UNI-PPG1250-EP1	(0)2	56.5	EP1
UNI-PPG1250-EP1	(0)2	54.5	EP1
UNI-PPG1250-EP1	(0)2	50.5	EP1
UNI-PPG1250-EP1	(0)2	53.0	EP1
UNI-PPG1250-EP1	(0)2	50.8	EP1
UNI-PPG1250-EP1	(0)2	50.8	EP1
UNI-PPG1250-EP1	(0)2	51.9	EP1
UNI-PPG1250-EP1	(0)2	54.1	EP1
UNI-PPG1250-EP1	(0)2	55.7	EP1
UNI-PPG1250-EP1	(0)2	53.3	EP1
UNI-PPG1250-EP1	(0)2	54.9	EP1
UNI-PPG1250-EP1	(0)2	56.5	EP1
UNI-PPG1250-EP1	(0)2	52.6	EP1
UNI-PPG1250-EP1	(0)2	52.2	EP1
UNI-PPG1250-EP1	(0)2	51.2	EP1
UNI-PPG1250-EP1	(0)2	54.9	EP1
UNI-PPG1250-EP1	(0)2	54.5	EP1
UNI-PPG1250-EP1	(0)2	55.7	EP1
UNI-PPG1250-EP1	(0)2	56.5	EP1
UNI-PPG1250-EP1	(0)2	55.3	EP1
UNI-PPG1250-EP1	(0)2	55.3	EP1
UNI-PPG1250-EP1	(0)2	54.4	EP1

Carbon prepreg	(0)2	56.1	Epoxy
Carbon prepreg	(0)2	56.1	Epoxy
Carbon prepreg	(0)2	56.1	Epoxy
Carbon prepreg	(0)2	56.1	Epoxy
Carbon prepreg	(0)2	56.1	Epoxy
Carbon prepreg	(0)2	56.1	Epoxy
Carbon prepreg	(0)2	56.1	Epoxy
Carbon prepreg	(0)2	56.1	Epoxy
Carbon prepreg	(0)2	54.5	Epoxy
Carbon prepreg	(0)2	56.1	Epoxy
Carbon prepreg	(0)2	56.1	Epoxy
Carbon prepreg	(0)2	56.1	Epoxy
Carbon prepreg	(0)2	56.1	Epoxy
Carbon prepreg	(0)2	56.8	Epoxy
Carbon prepreg	(0)2	56.8	Epoxy
Carbon prepreg	(0)2	56.1	Epoxy
Carbon prepreg	(0)2	56.8	Epoxy
Carbon prepreg	(0)2	56.8	Epoxy
Carbon prepreg	(0)2	56.1	Epoxy
Carbon prepreg	(0)2	56.8	Epoxy
Carbon prepreg	(0)2	58.2	Epoxy
Carbon prepreg	(0)2	56.8	Epoxy
Carbon prepreg	(0)2	56.8	Epoxy
Carbon prepreg	(0)2	58.5	Epoxy
Carbon prepreg	(0)2	57.5	Epoxy

Carbon prepreg	(0)2	56.1 Epoxy
Carbon prepreg	(0)2	56.1 Epoxy
Carbon prepreg	(0)2	56.1 Epoxy
Carbon prepreg	(0)2	56.1 Epoxy
Carbon prepreg	(0)2	56.1 Epoxy
Carbon prepreg	(0)2	56.8 Epoxy
Carbon prepreg	(0)2	56.1 Epoxy
Carbon prepreg	(0)2	56.1 Epoxy
Carbon prepreg	(0)2	58.5 Epoxy
Carbon prepreg	(0)2	56.1 Epoxy
Carbon prepreg	(0)2	56.8 Epoxy
Carbon prepreg	(0)2	56.1 Epoxy
Carbon prepreg	(0)2	56.1 Epoxy
Carbon prepreg	(0)2	56.1 Epoxy
Carbon prepreg	(0)2	56.1 Epoxy
Carbon prepreg	(0)2	56.1 Epoxy
Carbon prepreg	(0)2	56.4 Epoxy
Carbon prepreg	(0)2	56.1 Epoxy
Carbon prepreg	(0)2	56.1 Epoxy
Carbon prepreg	(0)2	56.1 Epoxy
Carbon prepreg	(0)2	56.1 Epoxy

Carbon prepreg	(90/0)2S	55.8 Epoxy
Carbon prepreg	(90/0)2S	55.3 Epoxy
Carbon prepreg	(90/0)2S	52.4 Epoxy
Carbon prepreg	(90/0)2S	54.4 Epoxy
Carbon prepreg	(90/0)2S	53.3 Epoxy
Carbon prepreg	(90/0)2S	55.9 Epoxy
Carbon prepreg	(90/0)2S	55.8 Epoxy
Carbon prepreg	(90/0)2S	55.7 Epoxy
Carbon prepreg	(90/0)2S	55.6 Epoxy
Carbon prepreg	(90/0)2S	55.7 Epoxy
Carbon prepreg	(90/0)2S	55.3 Epoxy
Carbon prepreg	(90/0)2S	55.1 Epoxy
Carbon prepreg	(90/0)2S	55.4 Epoxy
Carbon prepreg	(90/0)2S	55.3 Epoxy
Carbon prepreg	(90/0)2S	55.1 Epoxy
Carbon prepreg	(90/0)2S	55.2 Epoxy
Carbon prepreg	(90/0)2S	54.4 Epoxy
Carbon prepreg	(90/0)2S	55.3 Epoxy
Carbon prepreg	(90/0)2S	54.8 Epoxy
Carbon prepreg	(90/0)2S	55.7 Epoxy
Carbon prepreg	(90/0)2S	55.7 Epoxy
Carbon prepreg	(90/0)2S	55.7 Epoxy
Carbon prepreg	(90/0)2S	55.7 Epoxy
Carbon prepreg	(90/0)2S	55.7 Epoxy
Carbon prepreg	(90/0)2S	55.8 Epoxy
Carbon prepreg	(90/0)2S	55 Epoxy
Carbon prepreg	(90/0)2S	55.8 Epoxy
Carbon prepreg	(90/0)2S	55.7 Epoxy
Carbon prepreg	(90/0)2S	55.7 Epoxy
Carbon prepreg	(90/0)2S	54.4 Epoxy
Carbon prepreg	(90/0)2S	56 Epoxy

Carbon prepreg	(90/0)2S	55.3 Epoxy
Carbon prepreg	(90/0)2S	54.1 Epoxy
Carbon prepreg	(90/0)2S	54.3 Epoxy
Carbon prepreg	(90/0)2S	55.3 Epoxy
Carbon prepreg	(90/0)2S	55.5 Epoxy
Carbon prepreg	(90/0)2S	55 Epoxy
Carbon prepreg	(90/0)2S	56 Epoxy
Carbon prepreg	(90/0)2S	55 Epoxy
Carbon prepreg	(90/0)2S	55.4 Epoxy
Carbon prepreg	(90/0)2S	55.5 Epoxy
Carbon prepreg	(90/0)2S	56 Epoxy
Carbon prepreg	(90/0)2S	56 Epoxy
Carbon prepreg	(90/0)2S	55.3 Epoxy
Carbon prepreg	(90/0)2S	55.9 Epoxy
Carbon prepreg	(90/0)2S	57.4 Epoxy
Carbon prepreg	(90/0)2S	55.9 Epoxy
Carbon prepreg	(90/0)2S	55.5 Epoxy

[illegible]

[illegible]

[illegible]

Earlier Materials - Environmental testing of different

[illegible]

[illegible][illegible]

MD-DD5V-VE-Enviro	[0/±45/0]S	35 VE
MD-DD5V-VE-Enviro	[0/±45/0]S	35 VE
MD-DD5V-VE-Enviro	[0/±45/0]S	35 VE
MD-DD5V-VE-Enviro	[0/±45/0]S	35 VE

[illegible]

[illegible][illegible][illegible]

[illegible]

[illegible]

[illegible]

MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD11P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD11P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD11P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD11P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD11P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD11P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD11P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD11P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD11P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD11P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD11P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD11P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD5P-UP2-Enviro	[0/±45/0]S	36 UP2
MD-DD11P-UP2-Enviro	[0/±45/0]S	36 UP2

[illegible]

[illegible][illegible]

[illegible][illegible][illegible][illegible]

[illegible][illegible][illegible][illegible][illegible]

Vectorply E-LT 3800
Vectorply E-LT 3800
Vectorply E-LT 3800
Vectorply E-LT 3800

[illegible]

Hexion RIMR 145/RIMH 145/RIMC 145 (100:82:0.3 by wt)
Hexion RIMR 145/RIMH 145/RIMC 145 (100:82:0.3 by wt)
Hexion RIMR 145/RIMH 145/RIMC 145 (100:82:0.3 by wt)

[illegible]

Hexion MGS RIMR135/RIMH1366
Hexion MGS RIMR135/RIMH1366
Hexion MGS RIMR135/RIMH1366
Hexion MGS RIMR135/RIMH1366

[illegible][illegible]

[illegible]

[illegible][illegible]

[illegible][illegible]

Hexion MGS RIMR135/RIMH1366
Hexion MGS RIMR135/RIMH1366
Hexion MGS RIMR135/RIMH1366

[illegible][illegible]

[illegible]

erent matrix materials in $[0/\pm 45/0]_S$, $[90/\pm 45/90]_S$, and $[\pm 45]_3$ lam

CoRezyn 63-AX-050
CoRezyn 63-AX-050
CoRezyn 63-AX-050
CoRezyn 63-AX-050
CoRezyn 63-AX-050
CoRezyn 63-AX-050

Knytex D155 (527 gsm)
Knytex D155 (527 gsm)
Knytex D155 (527 gsm)
Knytex D155 (527 gsm)
Knytex D155 (527 gsm)
Knytex D155 (527 gsm)

CoRezyn 63-AX-050
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CoRezyn 63-AX-050
CoRezyn 63-AX-050

Knytex D155 (527 gsm)
Knytex D155 (527 gsm)
Knytex D155 (527 gsm)
Knytex D155 (527 gsm)
Knytex D155 (527 gsm)
Knytex D155 (527 gsm)
Knytex D155 (527 gsm)
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Knytex D155 (527 gsm)
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CoRezyn 63-AX-050
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Derakane 411-C50
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Knytex D155 (527 gsm)
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CoRezyn 75-AQ-010
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SP Prime 20
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Knytex D155 (527 gsm)
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other %	Thickness, mm	Cure / Post Cure	Process	Test #	Coupon
1	2.01	48h/25 C, 8h/70 C	Infusion		2438-2
1	2.01	48h/25 C, 8h/70 C	Infusion		2438-3
1	2.01	48h/25 C, 8h/70 C	Infusion		2438-4
1	1.96	48h/25 C, 8h/70 C	Infusion		2436-3
1	1.96	48h/25 C, 8h/70 C	Infusion		2436-4
1	1.96	48h/25 C, 8h/70 C	Infusion		2436-5
1	2.03	48h/25 C, 8h/70 C	Infusion		2442-1
1	2.03	48h/25 C, 8h/70 C	Infusion		2442-2
1	2.03	48h/25 C, 8h/70 C	Infusion		2442-3
1	1.96	48h/25 C, 8h/70 C	Infusion		2444-1
1	1.96	48h/25 C, 8h/70 C	Infusion		2444-2
1	1.96	48h/25 C, 8h/70 C	Infusion		2444-3
1	1.96	48h/25 C, 8h/70 C	Infusion		2444-4
1	1.96	48h/25 C, 8h/70 C	Infusion		2444-5
1	1.96	48h/25 C, 8h/70 C	Infusion		2444-6
1	1.96	48h/25 C, 8h/70 C	Infusion		2444-7
1	1.96	48h/25 C, 8h/70 C	Infusion		2444-8
1	1.96	48h/25 C, 8h/70 C	Infusion		2444-9
1	2.01	48h/25 C, 8h/70 C	Infusion		2438-6
1	2.01	48h/25 C, 8h/70 C	Infusion		2438-7
1	2.01	48h/25 C, 8h/70 C	Infusion		2438-8
1	1.96	48h/25 C, 8h/70 C	Infusion		2436-1
1	1.96	48h/25 C, 8h/70 C	Infusion		2436-2
1	1.96	48h/25 C, 8h/70 C	Infusion		2436-11
1	2.03	48h/25 C, 8h/70 C	Infusion		2442-11
1	2.03	48h/25 C, 8h/70 C	Infusion		2442-14
1	2.03	48h/25 C, 8h/70 C	Infusion		2442-16
1	2.09	48h/25 C, 8h/70 C	Infusion		2437-5
1	2.09	48h/25 C, 8h/70 C	Infusion		2437-6
1	2.09	48h/25 C, 8h/70 C	Infusion		2437-7
1	2.09	48h/25 C, 8h/70 C	Infusion		2437-8
1	2.09	48h/25 C, 8h/70 C	Infusion		2437-9
1	2.09	48h/25 C, 8h/70 C	Infusion		2437-10
1	2.09	48h/25 C, 8h/70 C	Infusion		2437-11
1	2.09	48h/25 C, 8h/70 C	Infusion		2437-12
1	2.09	48h/25 C, 8h/70 C	Infusion		2437-13
1	2.09	48h/25 C, 8h/70 C	Infusion		2437-14
1	2.09	48h/25 C, 8h/70 C	Infusion		2437-15
1	2.09	48h/25 C, 8h/70 C	Infusion		2437-16
1	3.54	24h/25 C, 12h/70 C	Infusion		4009-21
1	3.49	24h/25 C, 12h/70 C	Infusion		4009-3
1	3.52	24h/25 C, 12h/70 C	Infusion		4009-23
1	3.46	24h/25 C, 12h/70 C	Infusion		4009-2

1	3.40 24h/25 C, 12h/70 C	Infusion	4009-16
1	3.42 24h/25 C, 12h/70 C	Infusion	4019-112
1	3.42 24h/25 C, 12h/70 C	Infusion	4016-103
1	3.30 24h/25 C, 12h/70 C	Infusion	4016-110
1	3.34 24h/25 C, 12h/70 C	Infusion	4014-103
1	3.32 24h/25 C, 12h/70 C	Infusion	4016-108
1	3.36 24h/25 C, 12h/70 C	Infusion	4019-4
1	3.43 24h/25 C, 12h/70 C	Infusion	4009-13
1	3.41 24h/25 C, 12h/70 C	Infusion	4009-15
1	3.35 24h/25 C, 12h/70 C	Infusion	4016-3
1	3.37 24h/25 C, 12h/70 C	Infusion	4018-1
1	3.31 24h/25 C, 12h/70 C	Infusion	4016-115
1	3.39 24h/25 C, 12h/70 C	Infusion	4016-116
1	3.41 24h/25 C, 12h/70 C	Infusion	4016-105
1	3.40 24h/25 C, 12h/70 C	Infusion	4014-107
1	3.31 24h/25 C, 12h/70 C	Infusion	4016-111
1	2.02 6h/70 C	infusion	2292-351
1	2.06 6h/70 C	infusion	2292-353
1	2.06 6h/70 C	infusion	2292-352
1	2.07 6h/70 C	infusion	2292-349
1	2.03 6h/70 C	infusion	2292-347
1	2.06 6h/70 C	infusion	2292-341
1	2.03 6h/70 C	infusion	2292-337
1	2.06 6h/70 C	infusion	2292-343
1	2.06 6h/70 C	infusion	2292-346
1	2.15 Infused at 80C, ramp	infusion	2295-747
1	2.07 Infused at 80C, ramp	infusion	2295-737
1	2.06 Infused at 80C, ramp	infusion	2295-707
1	2.21 Infused at 80C, ramp	infusion	2295-742
1	2.06 Infused at 80C, ramp	infusion	2295-712
1	2.06 Infused at 80C, ramp	infusion	2295-743
1	2.16 Infused at 80C, ramp	infusion	2295-718
1	2.16 Infused at 80C, ramp	infusion	2295-701
1	2.12 Infused at 80C, ramp	infusion	2295-736
1	2.03 Infused at 80C, ramp	infusion	2295-753
1	2.03 Infused at 80C, ramp	infusion	2295-770
1	3.28 24h/20C, 12h/ 70C	infusion	DH3W-2259-114W
1	3.28 24h/20C, 12h/ 70C	infusion	DH3W-2259-113W
1	3.30 24h/20C, 12h/ 70C	infusion	DH3W-2259-127W
1	3.30 24h/20C, 12h/ 70C	infusion	DH3W-2259-145W
1	3.30 24h/20C, 12h/ 70C	infusion	DH3W-2259-111W
1	3.29 24h/20C, 12h/ 70C	infusion	DH3W-2259-159W
1	3.25 24h/20C, 12h/ 70C	infusion	DH3W-2259-142W
1	3.30 24h/20C, 12h/ 70C	infusion	DH3W-2259-138W
1	3.29 24h/20C, 12h/ 70C	infusion	DH3W-2259-101W
1	3.26 24h/20C, 12h/ 70C	infusion	DH3W-2259-141W

1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-122
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-111
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-112
1	4.39 24h/20C, 12h/ 70C	Infusion	DH3A-2259-133
1	4.34 24h/20C, 12h/ 70C	Infusion	DH3A-2259-131
1	4.34 24h/20C, 12h/ 70C	Infusion	DH3A-2259-130
1	4.34 24h/20C, 12h/ 70C	Infusion	DH3A-2259-112
1	3.27 24h/20C, 12h/ 70C	Infusion	DH3-2259a-120
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-600
1	4.32 24h/20C, 12h/ 70C	Infusion	DH3A-2259-107
1	3.25 24h/20C, 12h/ 70C	Infusion	DH3-2259a-168
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-102
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-101
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-201
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-200
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-121
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-103
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-119
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-104
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259-601
1	3.28 24h/20C, 12h/ 70C	Infusion	DH3-2259a-124
1	3.18 24h/20C, 12h/ 70C	Infusion	DH3-2259a-105
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-117
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2260a-107
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-132
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-125
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-126
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-127
1	3.20 24h/20C, 12h/ 70C	Infusion	DH3-2259a-121
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-602
1	3.23 24h/20C, 12h/ 70C	Infusion	DH3-2259a-106
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-118
1	3.28 24h/20C, 12h/ 70C	Infusion	DH3-2259a-102
1	3.30 24h/20C, 12h/ 70C	Infusion	DH3-2259a-300
1	3.25 24h/20C, 12h/ 70C	Infusion	DH3-2259a-301
1	3.24 24h/20C, 12h/ 70C	Infusion	DH3-2259a-120a
0	4.94 6h/70 C	Infusion	2290-200
0	4.93 6h/70 C	Infusion	2290-206
0	4.90 6h/70 C	Infusion	2290-214
0	4.99 6h/70 C	Infusion	2290-215
0	4.94 6h/70 C	Infusion	2290-217
0	4.89 6h/70 C	Infusion	2290-219
0	4.99 6h/70 C	Infusion	2290-201W
0	4.96 6h/70 C	Infusion	2290-202W
0	5.00 6h/70 C	Infusion	2290-203W
0	4.91 6h/70 C	Infusion	2290-208W
0	4.95 6h/70 C	Infusion	2290-210W
0	4.85 6h/70 C	Infusion	2290-218W
0	1.69 6h/70 C	Infusion	2291-118

0	1.69 6h/70 C	Infusion	2291-121
0	1.65 6h/70 C	Infusion	2291-122
0	1.65 6h/70 C	Infusion	2291-160
0	1.65 6h/70 C	Infusion	2291-161
0	1.63 6h/70 C	Infusion	2291-123
0	1.70 6h/70 C	Infusion	2291-127
0	1.69 6h/70 C	Infusion	2291-165
0	1.69 6h/70 C	Infusion	2291-126
0	1.71 6h/70 C	Infusion	2291-142
0	1.70 6h/70 C	Infusion	2291-138
0	1.70 6h/70 C	Infusion	2291-129
0	1.73 6h/70 C	Infusion	2291-137
0	1.68 6h/70 C	Infusion	2291-132
0	1.68 6h/70 C	Infusion	2291-147
0	1.68 6h/70 C	Infusion	2291-163
0	1.70 6h/70 C	Infusion	2291-144
0	1.69 6h/70 C	Infusion	2291-128
0	1.71 6h/70 C	Infusion	2291W-100
0	1.65 6h/70 C	Infusion	2291W-101
0	1.61 6h/70 C	Infusion	2291W-102
0	1.70 6h/70 C	Infusion	2291W-113
0	1.68 6h/70 C	Infusion	2291W-114
0	1.71 6h/70 C	Infusion	2291W-104
0	1.65 6h/70 C	Infusion	2291W-103
0	1.65 6h/70 C	Infusion	2291W-153
0	1.65 6h/70 C	Infusion	2291W-149
0	1.70 6h/70 C	Infusion	2291W-157
0	1.74 6h/70 C	Infusion	2291W-106
0	1.78 6h/70 C	Infusion	2291W-116
0	1.68 6h/70 C	Infusion	2291W-105
0	1.73 6h/70 C	Infusion	2291W-150
0	1.71 6h/70 C	Infusion	2291W-158
0	1.70 6h/70 C	Infusion	2291W-146
0	1.68 6h/70 C	Infusion	2291W-159
0	1.68 6h/70 C	Infusion	2291W-115
0	1.71 6h/70 C	Infusion	2291W-148
0	4.70 infused at 80C into r	Infusion	2296-806
0	4.64 infused at 80C into r	Infusion	2296-810
0	4.66 infused at 80C into r	Infusion	2296-811
0	4.72 infused at 80C into r	Infusion	2296-813
0	4.80 infused at 80C into r	Infusion	2296-816
0	4.83 infused at 80C into r	Infusion	2296-818
0	4.78 infused at 80C into r	Infusion	2296-800W
0	4.60 infused at 80C into r	Infusion	2296-801W
0	4.79 infused at 80C into r	Infusion	2296-803W

0	4.71 infused at 80C into r Infusion	2296-804W
0	4.85 infused at 80C into r Infusion	2296-805W
0	4.62 infused at 80C into r Infusion	2296-819W
0	1.60 infused at 80C into r Infusion	2294-600
0	1.57 infused at 80C into r Infusion	2294-615
0	1.66 infused at 80C into r Infusion	2294-625
0	1.66 infused at 80C into r Infusion	2294-626
0	1.60 infused at 80C into r Infusion	2294-644
0	1.60 infused at 80C into r Infusion	2294-680
0	1.61 infused at 80C into r Infusion	2294-683
0	1.61 infused at 80C into r Infusion	2294-667
0	1.60 infused at 80C into r Infusion	2294-656
0	1.59 infused at 80C into r Infusion	2294-680
0	1.65 infused at 80C into r Infusion	2294-635
0	1.63 infused at 80C into r Infusion	2294-619
0	1.57 infused at 80C into r Infusion	2294-653
0	1.64 infused at 80C into r Infusion	2294-631
0	1.57 infused at 80C into r Infusion	2294-658
0	1.60 infused at 80C into r Infusion	2294-634
0	1.63 infused at 80C into r Infusion	2294-604
0	1.64 infused at 80C into r Infusion	2294-657
0	1.66 infused at 80C into r Infusion	2294W-607
0	1.61 infused at 80C into r Infusion	2294W-628
0	1.61 infused at 80C into r Infusion	2294W-641
0	1.61 infused at 80C into r Infusion	2294W-645
0	1.64 infused at 80C into r Infusion	2294W-661
0	1.60 infused at 80C into r Infusion	2294W-609
0	1.65 infused at 80C into r Infusion	2294W-637
0	1.64 infused at 80C into r Infusion	2294W-652
0	1.66 infused at 80C into r Infusion	2294W-627
0	1.63 infused at 80C into r Infusion	2294W-622
0	1.60 infused at 80C into r Infusion	2294W-643
0	1.64 infused at 80C into r Infusion	2294W-655
0	1.60 infused at 80C into r Infusion	2294W-651
0	1.63 infused at 80C into r Infusion	2294W-654
0	1.71 infused at 80C into r Infusion	2294W-638
0	1.64 infused at 80C into r Infusion	2294W-612
0	1.65 infused at 80C into r Infusion	2294W-605
0	1.64 infused at 80C into r Infusion	2294W-613
0	1.64 infused at 80C into r Infusion	2294W-629
0	2.27 24h/25 C,8h/70 C Infusion	2106-100
0	2.25 24h/25 C,8h/70 C Infusion	2106-101
0	2.27 24h/25 C,8h/70 C Infusion	2106-102
0	2.25 24h/25 C,8h/70 C Infusion	2106-103

0	2.39	24h/25 C,8h/70 C	Infusion	2106-104
0	2.20	24h/25 C,8h/70 C	Infusion	2106-105
0	2.25	24h/25 C,8h/70 C	Infusion	2106-106
0	2.27	24h/25 C,8h/70 C	Infusion	2106-107
0	2.27	24h/25 C,8h/70 C	Infusion	2106-108
0	2.27	24h/25 C,8h/70 C	Infusion	2106-109
0	2.21	24h/25 C,8h/70 C	Infusion	2106-110
0	2.31	24h/25 C,8h/70 C	Infusion	2106-111
0	2.26	24h/25 C,8h/70 C	Infusion	2106-112
0	2.34	24h/25 C,8h/70 C	Infusion	2106-113
0	2.32	24h/25 C,8h/70 C	Infusion	2106-114
0	2.21	24h/25 C,8h/70 C	Infusion	2106-115
0	2.30	24h/25 C,8h/70 C	Infusion	2106-116
0	2.37	24h/25 C,8h/70 C	Infusion	2106-117
0	2.25	24h/25 C,8h/70 C	Infusion	2106-118
0	2.29	24h/25 C,8h/70 C	Infusion	2106-119
0	5.12	24h/25 C,8h/70 C	Infusion	2108-200
0	5.16	24h/25 C,8h/70 C	Infusion	2108-201
0	5.30	24h/25 C,8h/70 C	Infusion	2108-202
0	5.17	24h/25 C,8h/70 C	Infusion	2108-203
0	5.19	24h/25 C,8h/70 C	Infusion	2108-204
0	5.21	24h/25 C,8h/70 C	Infusion	2108-205
0	5.19	24h/25 C,8h/70 C	Infusion	2108-206
0	5.27	24h/25 C,8h/70 C	Infusion	2108-207
0	5.36	24h/25 C,8h/70 C	Infusion	2108-208
0	5.25	24h/25 C,8h/70 C	Infusion	2108-209
0	5.14	24h/25 C,8h/70 C	Infusion	2108-210
0	5.14	24h/25 C,8h/70 C	Infusion	2108-211
0	5.17	24h/25 C,8h/70 C	Infusion	2108-212
0	5.14	24h/25 C,8h/70 C	Infusion	2108-213
0	5.18	24h/25 C,8h/70 C	Infusion	2108-214
0	5.27	24h/25 C,8h/70 C	Infusion	2108-215
0	5.18	24h/25 C,8h/70 C	Infusion	2108-216
0	5.30	24h/25 C,8h/70 C	Infusion	2108-217
0	5.19	24h/25 C,8h/70 C	Infusion	2108-218
0	5.08	24h/25 C,8h/70 C	Infusion	2108-219
0	5.31	24h/25 C,8h/70 C	Infusion	2108-100
0	5.22	24h/25 C,8h/70 C	Infusion	2108-101
0	5.19	24h/25 C,8h/70 C	Infusion	2108-102
0	5.31	24h/25 C,8h/70 C	Infusion	2108-103
0	5.25	24h/25 C,8h/70 C	Infusion	2108-104
0	5.19	24h/25 C,8h/70 C	Infusion	2108-105
0	5.16	24h/25 C,8h/70 C	Infusion	2108-106
0	5.22	24h/25 C,8h/70 C	Infusion	2108-107
0	5.14	24h/25 C,8h/70 C	Infusion	2108-108
0	5.32	24h/25 C,8h/70 C	Infusion	2108-109
0	5.23	24h/25 C,8h/70 C	Infusion	2118-176
0	5.25	24h/25 C,8h/70 C	Infusion	2118-177
0	5.25	24h/25 C,8h/70 C	Infusion	2118-178
0	5.23	24h/25 C,8h/70 C	Infusion	2118-179
0	5.27	24h/25 C,8h/70 C	Infusion	2118-180
0	5.25	24h/25 C,8h/70 C	Infusion	2091a-170
0	5.17	24h/25 C,8h/70 C	Infusion	2091a-171
0	5.13	24h/25 C,8h/70 C	Infusion	2091a-172

0	5.22 24h/25 C,8h/70 C	Infusion	2091a-173
0	5.28 24h/25 C,8h/70 C	Infusion	2091a-174
0	5.16 24h/25 C,8h/70 C	Infusion	2108-300
0	5.16 24h/25 C,8h/70 C	Infusion	2108-301
0	5.14 24h/25 C,8h/70 C	Infusion	2108-302
0	5.13 24h/25 C,8h/70 C	Infusion	2108-303
0	5.04 24h/25 C,8h/70 C	Infusion	2108-304
0	5.14 24h/25 C,8h/70 C	Infusion	2108-305
0	5.16 24h/25 C,8h/70 C	Infusion	2108-306
0	5.22 24h/25 C,8h/70 C	Infusion	2108-307
0	5.23 24h/25 C,8h/70 C	Infusion	2108-308
0	5.19 24h/25 C,8h/70 C	Infusion	2108-309
0	5.11 24h/25 C,8h/70 C	Infusion	2108-310
0	5.23 24h/25 C,8h/70 C	Infusion	2108-311
0	5.08 24h/25 C,8h/70 C	Infusion	2108-312
0	5.23 24h/25 C,8h/70 C	Infusion	2108-314
0	5.11 24h/25 C,8h/70 C	Infusion	2108-315
0	5.17 24h/25 C,8h/70 C	Infusion	2108-316
0	5.31 24h/25 C,8h/70 C	Infusion	2108-317
0	5.21 24h/25 C,8h/70 C	Infusion	2108-318
0	5.12 24h/25 C,8h/70 C	Infusion	2108-319
0	5.25 24h/25 C,8h/70 C	Infusion	2108-320
0	1.61 24h/25 C,12h/70 C	Infusion	(0)2-20C-Dry-100
0	1.61 24h/25 C,12h/70 C	Infusion	(0)2-20C-Dry-101
0	1.63 24h/25 C,12h/70 C	Infusion	(0)2-20C-Dry-102
0	1.63 24h/25 C,12h/70 C	Infusion	(0)2-20C-Dry-103
0	1.63 24h/25 C,12h/70 C	Infusion	(0)2-20C-Dry-104
0	1.59 24h/25 C,12h/70 C	Infusion	(0)2-20C-Wet-100
0	1.65 24h/25 C,12h/70 C	Infusion	(0)2-20C-Wet-101
0	1.63 24h/25 C,12h/70 C	Infusion	(0)2-20C-Wet-102
0	1.63 24h/25 C,12h/70 C	Infusion	(0)2-20C-Wet-103
0	1.57 24h/25 C,12h/70 C	Infusion	(0)2-20C-Wet-104
0	5.16 24h/25 C,12h/70 C	Infusion	(0)6-20C-Dry-110
0	5.11 24h/25 C,12h/70 C	Infusion	(0)6-20C-Dry-111
0	5.11 24h/25 C,12h/70 C	Infusion	(0)6-20C-Dry-112
0	5.17 24h/25 C,12h/70 C	Infusion	(0)6-20C-Dry-113
0	5.12 24h/25 C,12h/70 C	Infusion	(0)6-20C-Dry-114
0	5.14 24h/25 C,12h/70 C	Infusion	(0)6-20C-Wet-120
0	5.16 24h/25 C,12h/70 C	Infusion	(0)6-20C-Wet-121
0	5.16 24h/25 C,12h/70 C	Infusion	(0)6-20C-Wet-122
0	5.09 24h/25 C,12h/70 C	Infusion	(0)6-20C-Wet-123
0	5.23 24h/25 C,12h/70 C	Infusion	(0)6-20C-Wet-124
0	5.24 24h/25 C,12h/70 C	Infusion	(90)6-20C-Dry-100
0	5.17 24h/25 C,12h/70 C	Infusion	(90)6-20C-Dry-101
0	5.13 24h/25 C,12h/70 C	Infusion	(90)6-20C-Dry-102
0	5.08 24h/25 C,12h/70 C	Infusion	(90)6-20C-Dry-103
0	5.11 24h/25 C,12h/70 C	Infusion	(90)6-20C-Dry-104
0	5.14 24h/25 C,12h/70 C	Infusion	(90)6-20C-Wet-100
0	5.24 24h/25 C,12h/70 C	Infusion	(90)6-20C-Wet-101
0	5.08 24h/25 C,12h/70 C	Infusion	(90)6-20C-Wet-102
0	5.16 24h/25 C,12h/70 C	Infusion	(90)6-20C-Wet-103
0	5.14 24h/25 C,12h/70 C	Infusion	(90)6-20C-Wet-104
0	5.07 24h/25 C,12h/70 C	Infusion	(90)6-20C-Dry-140

0	5.07	24h/25 C, 12h/70 C	Infusion	(90)6-20C-Dry-141
0	5.11	24h/25 C, 12h/70 C	Infusion	(90)6-20C-Dry-142
0	5.16	24h/25 C, 12h/70 C	Infusion	(90)6-20C-Dry-143
0	5.21	24h/25 C, 12h/70 C	Infusion	(90)6-20C-Dry-144
0	5.07	24h/25 C, 12h/70 C	Infusion	(90)6-20C-Wet-130
0	5.19	24h/25 C, 12h/70 C	Infusion	(90)6-20C-Wet-131
0	5.19	24h/25 C, 12h/70 C	Infusion	(90)6-20C-Wet-132
0	5.11	24h/25 C, 12h/70 C	Infusion	(90)6-20C-Wet-133
0	5.09	24h/25 C, 12h/70 C	Infusion	(90)6-20C-Wet-134
0	1.56	24h/25 C, 12h/70 C	Infusion	(0)2_40C_dry_320
0	1.65	24h/25 C, 12h/70 C	Infusion	(0)2_40C_dry_321
0	1.63	24h/25 C, 12h/70 C	Infusion	(0)2_40C_dry_322
0	1.61	24h/25 C, 12h/70 C	Infusion	(0)2_40C_dry_323
0	1.68	24h/25 C, 12h/70 C	Infusion	(0)2_40C_dry_324
0	1.69	24h/25 C, 12h/70 C	Infusion	(0)2_40C_wet_350
0	1.64	24h/25 C, 12h/70 C	Infusion	(0)2_40C_wet_351
0	1.64	24h/25 C, 12h/70 C	Infusion	(0)2_40C_wet_352
0	1.64	24h/25 C, 12h/70 C	Infusion	(0)2_40C_wet_353
0	1.63	24h/25 C, 12h/70 C	Infusion	(0)2_40C_wet_354
0	5.13	24h/25 C, 12h/70 C	Infusion	(0)6_40C_dry_310
0	5.13	24h/25 C, 12h/70 C	Infusion	(0)6_40C_dry_311
0	5.23	24h/25 C, 12h/70 C	Infusion	(0)6_40C_dry_312
0	5.09	24h/25 C, 12h/70 C	Infusion	(0)6_40C_dry_313
0	5.09	24h/25 C, 12h/70 C	Infusion	(0)6_40C_dry_314
0	5.11	24h/25 C, 12h/70 C	Infusion	(0)6_40C_wet_400
0	5.25	24h/25 C, 12h/70 C	Infusion	(0)6_40C_wet_401
0	5.18	24h/25 C, 12h/70 C	Infusion	(0)6_40C_wet_402
0	5.17	24h/25 C, 12h/70 C	Infusion	(0)6_40C_wet_403
0	5.11	24h/25 C, 12h/70 C	Infusion	(0)6_40C_wet_404
0	5.13	24h/25 C, 12h/70 C	Infusion	(90)6_40C_dry_330
0	5.16	24h/25 C, 12h/70 C	Infusion	(90)6_40C_dry_331
0	5.27	24h/25 C, 12h/70 C	Infusion	(90)6_40C_dry_332
0	5.16	24h/25 C, 12h/70 C	Infusion	(90)6_40C_dry_333
0	5.25	24h/25 C, 12h/70 C	Infusion	(90)6_40C_dry_334
0	5.16	24h/25 C, 12h/70 C	Infusion	(90)6_40C_wet_370
0	5.25	24h/25 C, 12h/70 C	Infusion	(90)6_40C_wet_371
0	5.19	24h/25 C, 12h/70 C	Infusion	(90)6_40C_wet_372
0	5.16	24h/25 C, 12h/70 C	Infusion	(90)6_40C_wet_373
0	5.25	24h/25 C, 12h/70 C	Infusion	(90)6_40C_wet_374
0	5.18	24h/25 C, 12h/70 C	Infusion	(90)6_40C_dry_300
0	5.22	24h/25 C, 12h/70 C	Infusion	(90)6_40C_dry_301
0	5.25	24h/25 C, 12h/70 C	Infusion	(90)6_40C_dry_302
0	5.08	24h/25 C, 12h/70 C	Infusion	(90)6_40C_dry_303
0	5.04	24h/25 C, 12h/70 C	Infusion	(90)6_40C_dry_304
0	5.23	24h/25 C, 12h/70 C	Infusion	(90)6_40C_wet_420
0	5.22	24h/25 C, 12h/70 C	Infusion	(90)6_40C_wet_421
0	5.23	24h/25 C, 12h/70 C	Infusion	(90)6_40C_wet_422
0	5.08	24h/25 C, 12h/70 C	Infusion	(90)6_40C_wet_423
0	5.32	24h/25 C, 12h/70 C	Infusion	(90)6_40C_wet_424
0	1.63	24h/25 C, 12h/70 C	Infusion	(0)2_0C_dry_270
0	1.75	24h/25 C, 12h/70 C	Infusion	(0)2_0C_dry_271
0	1.57	24h/25 C, 12h/70 C	Infusion	(0)2_0C_dry_272
0	1.69	24h/25 C, 12h/70 C	Infusion	(0)2_0C_dry_273
0	1.63	24h/25 C, 12h/70 C	Infusion	(0)2_0C_dry_274

0	1.65 24h/25 C,12h/70 C	Infusion	(0)2_OC_wet_380
0	1.68 24h/25 C,12h/70 C	Infusion	(0)2_OC_wet_381
0	1.68 24h/25 C,12h/70 C	Infusion	(0)2_OC_wet_382
0	1.64 24h/25 C,12h/70 C	Infusion	(0)2_OC_wet_383
0	1.73 24h/25 C,12h/70 C	Infusion	(0)2_OC_wet_384
0	5.11 24h/25 C,12h/70 C	Infusion	(0)6_OC_dry_450
0	5.12 24h/25 C,12h/70 C	Infusion	(0)6_OC_dry_451
0	5.14 24h/25 C,12h/70 C	Infusion	(0)6_OC_dry_452
0	5.28 24h/25 C,12h/70 C	Infusion	(0)6_OC_dry_453
0	5.33 24h/25 C,12h/70 C	Infusion	(0)6_OC_dry_454
0	5.14 24h/25 C,12h/70 C	Infusion	(0)6_OC_wet_150
0	5.31 24h/25 C,12h/70 C	Infusion	(0)6_OC_wet_151
0	5.26 24h/25 C,12h/70 C	Infusion	(0)6_OC_wet_152
0	5.16 24h/25 C,12h/70 C	Infusion	(0)6_OC_wet_153
0	5.18 24h/25 C,12h/70 C	Infusion	(0)6_OC_wet_154
0	5.14 24h/25 C,12h/70 C	Infusion	(90)6_OC_dry_260
0	5.13 24h/25 C,12h/70 C	Infusion	(90)6_OC_dry_261
0	5.19 24h/25 C,12h/70 C	Infusion	(90)6_OC_dry_262
0	5.14 24h/25 C,12h/70 C	Infusion	(90)6_OC_dry_263
0	5.17 24h/25 C,12h/70 C	Infusion	(90)6_OC_dry_264
0	5.31 24h/25 C,12h/70 C	Infusion	(90)6_OC_wet_390
0	5.25 24h/25 C,12h/70 C	Infusion	(90)6_OC_wet_391
0	5.12 24h/25 C,12h/70 C	Infusion	(90)6_OC_wet_392
0	5.25 24h/25 C,12h/70 C	Infusion	(90)6_OC_wet_393
0	5.25 24h/25 C,12h/70 C	Infusion	(90)6_OC_wet_394
0	5.28 24h/25 C,12h/70 C	Infusion	(90)6_OC_dry_470
0	5.08 24h/25 C,12h/70 C	Infusion	(90)6_OC_dry_471
0	5.18 24h/25 C,12h/70 C	Infusion	(90)6_OC_dry_472
0	5.14 24h/25 C,12h/70 C	Infusion	(90)6_OC_dry_473
0	5.22 24h/25 C,12h/70 C	Infusion	(90)6_OC_dry_474
0	5.27 24h/25 C,12h/70 C	Infusion	(90)6_OC_wet_100
0	5.14 24h/25 C,12h/70 C	Infusion	(90)6_OC_wet_101
0	5.21 24h/25 C,12h/70 C	Infusion	(90)6_OC_wet_102
0	5.26 24h/25 C,12h/70 C	Infusion	(90)6_OC_wet_103
0	5.25 24h/25 C,12h/70 C	Infusion	(90)6_OC_wet_104
0	1.68 24h/25 C,12h/70 C	Infusion	2135-1002-20
0	1.68 24h/25 C,12h/70 C	Infusion	2136-1007-20
0	1.65 24h/25 C,12h/70 C	Infusion	2136-1008-20
0	1.69 24h/25 C,12h/70 C	Infusion	2135-1016-20
0	1.65 24h/25 C,12h/70 C	Infusion	2136-1009-20
0	1.63 24h/25 C,12h/70 C	Infusion	2135-1013-20
0	1.61 24h/25 C,12h/70 C	Infusion	2136-1005-20
0	1.63 24h/25 C,12h/70 C	Infusion	2135-1023-20
0	1.66 24h/25 C,12h/70 C	Infusion	2135-1017-20
0	1.69 24h/25 C,12h/70 C	Infusion	2135-1014-20
0	1.65 24h/25 C,12h/70 C	Infusion	2135-2005w-20
0	1.65 24h/25 C,12h/70 C	Infusion	2135-2004w-20
0	1.68 24h/25 C,12h/70 C	Infusion	2135-2003w-20
0	1.69 24h/25 C,12h/70 C	Infusion	2135-2001w-20
0	1.65 24h/25 C,12h/70 C	Infusion	2135-2000w-20
0	1.75 24h/25 C,12h/70 C	Infusion	2135-2006w-20
0	1.75 24h/25 C,12h/70 C	Infusion	2135-2007w-20
0	1.75 24h/25 C,12h/70 C	Infusion	2135-2008w-20

0	1.71 24h/25 C,12h/70 C	Infusion	2133-1009-20
0	1.64 24h/25 C,12h/70 C	Infusion	2133-1005-20
0	1.64 24h/25 C,12h/70 C	Infusion	2133-1002-20
0	1.63 24h/25 C,12h/70 C	Infusion	2110-1002-20
0	1.69 24h/25 C,12h/70 C	Infusion	2110-1006-20
0	1.69 24h/25 C,12h/70 C	Infusion	2110-1005-20
0	1.69 24h/25 C,12h/70 C	Infusion	2110-1000-20
0	1.69 24h/25 C,12h/70 C	Infusion	2133-1000-20
0	1.68 24h/25 C,12h/70 C	Infusion	2110-999-20
0	1.75 24h/25 C,12h/70 C	Infusion	2110-2005W-20
0	1.85 24h/25 C,12h/70 C	Infusion	2133-2004W-20
0	1.84 24h/25 C,12h/70 C	Infusion	2133-2003W-20
0	1.75 24h/25 C,12h/70 C	Infusion	2133-2002W-20
0	1.73 24h/25 C,12h/70 C	Infusion	2110-2001W-20
0	1.75 24h/25 C,12h/70 C	Infusion	2133-2000W-20
0	1.65 24h/25 C,12h/70 C	Infusion	2110-2009W-20
0	1.77 24h/25 C,12h/70 C	Infusion	2133-2006W-20
0	1.68 24h/25 C,12h/70 C	Infusion	2133-2007W-20
0	1.74 24h/25 C,12h/70 C	Infusion	2133-2008W-20
0	1.83 24h/25 C,12h/70 C	Infusion	2153-A601-305D
0	1.74 24h/25 C,12h/70 C	Infusion	2153-A601-306D
0	1.80 24h/25 C,12h/70 C	Infusion	2153-A601-307D
0	1.74 24h/25 C,12h/70 C	Infusion	2153-A601-308D
0	1.73 24h/25 C,12h/70 C	Infusion	2153-A601-309D
0	1.75 24h/25 C,12h/70 C	Infusion	2153-A601-410W
0	1.78 24h/25 C,12h/70 C	Infusion	2153-A601-411W
0	1.79 24h/25 C,12h/70 C	Infusion	2153-A601-412W
0	1.78 24h/25 C,12h/70 C	Infusion	2153-A601-413W
0	1.70 24h/25 C,12h/70 C	Infusion	2153-A601-414W
0	1.83 24h/25 C,12h/70 C	Infusion	2153-A601-300D
0	1.73 24h/25 C,12h/70 C	Infusion	2153-A601-301D
0	1.82 24h/25 C,12h/70 C	Infusion	2153-A601-302D
0	1.82 24h/25 C,12h/70 C	Infusion	2153-A601-303D
0	1.83 24h/25 C,12h/70 C	Infusion	2153-A601-304D
0	1.78 24h/25 C,12h/70 C	Infusion	2153-A601-400W
0	1.69 24h/25 C,12h/70 C	Infusion	2153-A601-401W
0	1.78 24h/25 C,12h/70 C	Infusion	2153-A601-402W
0	1.78 24h/25 C,12h/70 C	Infusion	2153-A601-403W
0	1.77 24h/25 C,12h/70 C	Infusion	2153-A601-404W
0	1.79 24h/25 C,12h/70 C	Infusion	2153-A601-310D
0	1.82 24h/25 C,12h/70 C	Infusion	2153-A601-311D
0	1.74 24h/25 C,12h/70 C	Infusion	2153-A601-312D
0	1.82 24h/25 C,12h/70 C	Infusion	2153-A601-313D
0	1.79 24h/25 C,12h/70 C	Infusion	2153-A601-314D
0	1.75 24h/25 C,12h/70 C	Infusion	2153-A601-405W
0	1.77 24h/25 C,12h/70 C	Infusion	2153-A601-406W
0	1.79 24h/25 C,12h/70 C	Infusion	2153-A601-407W
0	1.74 24h/25 C,12h/70 C	Infusion	2153-A601-408W
0	1.75 24h/25 C,12h/70 C	Infusion	2153-A601-409W
0	1.81 24h/25 C,12h/70 C	Infusion	2133-H-355D
0	1.83 24h/25 C,12h/70 C	Infusion	2133-H-356D
0	1.85 24h/25 C,12h/70 C	Infusion	2133-H-357D

0	1.83 24h/25 C,12h/70 C	Infusion	2133-H-358D
0	1.79 24h/25 C,12h/70 C	Infusion	2133-H-359D
0	1.78 24h/25 C,12h/70 C	Infusion	2133-H-460W
0	1.79 24h/25 C,12h/70 C	Infusion	2133-H-461W
0	1.76 24h/25 C,12h/70 C	Infusion	2133-H-462W
0	1.71 24h/25 C,12h/70 C	Infusion	2133-H-463W
0	1.78 24h/25 C,12h/70 C	Infusion	2133-H-464W
0	1.92 24h/25 C,12h/70 C	Infusion	2133-H-350D
0	1.83 24h/25 C,12h/70 C	Infusion	2133-H-351D
0	1.91 24h/25 C,12h/70 C	Infusion	2133-H-352D
0	1.91 24h/25 C,12h/70 C	Infusion	2133-H-353D
0	1.87 24h/25 C,12h/70 C	Infusion	2133-H-354D
0	1.79 24h/25 C,12h/70 C	Infusion	2133-H-450W
0	1.74 24h/25 C,12h/70 C	Infusion	2133-H-451W
0	1.82 24h/25 C,12h/70 C	Infusion	2133-H-452W
0	1.77 24h/25 C,12h/70 C	Infusion	2133-H-453W
0	1.71 24h/25 C,12h/70 C	Infusion	2133-H-454W
0	1.84 24h/25 C,12h/70 C	Infusion	2133-H-360D
0	1.85 24h/25 C,12h/70 C	Infusion	2133-H-361D
0	1.89 24h/25 C,12h/70 C	Infusion	2133-H-362D
0	1.76 24h/25 C,12h/70 C	Infusion	2133-H-363D
0	1.78 24h/25 C,12h/70 C	Infusion	2133-H-364D
0	1.74 24h/25 C,12h/70 C	Infusion	2133-H-455W
0	1.71 24h/25 C,12h/70 C	Infusion	2133-H-456W
0	1.75 24h/25 C,12h/70 C	Infusion	2133-H-457W
0	1.75 24h/25 C,12h/70 C	Infusion	2133-H-458W
0	1.78 24h/25 C,12h/70 C	Infusion	2133-H-459W

0	1.22 Not Specified	prepreg	1000
0	1.22 Not Specified	prepreg	1001
0	1.22 Not Specified	prepreg	1002
0	1.22 Not Specified	prepreg	1100
0	1.22 Not Specified	prepreg	1101
0	1.22 Not Specified	prepreg	1003
0	1.22 Not Specified	prepreg	1004
0	1.22 Not Specified	prepreg	1005
0	1.19 Not Specified	prepreg	1006
0	1.22 Not Specified	prepreg	1007
0	1.22 Not Specified	prepreg	1008
0	1.22 Not Specified	prepreg	1009
0	1.22 Not Specified	prepreg	1010
0	1.24 Not Specified	prepreg	1011
0	1.24 Not Specified	prepreg	1012
0	1.22 Not Specified	prepreg	1013
0	1.24 Not Specified	prepreg	1014
0	1.24 Not Specified	prepreg	1015
0	1.22 Not Specified	prepreg	1016
0	1.24 Not Specified	prepreg	1017
0	1.27 Not Specified	prepreg	1018
0	1.24 Not Specified	prepreg	1019
0	1.24 Not Specified	prepreg	1020
0	1.17 Not Specified	prepreg	1202
0	1.19 Not Specified	prepreg	1203

0	1.22 Not Specified	prepreg	1204
0	1.22 Not Specified	prepreg	1205
0	1.22 Not Specified	prepreg	1206
0	1.22 Not Specified	prepreg	1210
0	1.22 Not Specified	prepreg	1211
0	1.24 Not Specified	prepreg	1212
0	1.22 Not Specified	prepreg	1213
0	1.22 Not Specified	prepreg	1214
0	1.17 Not Specified	prepreg	1215
0	1.22 Not Specified	prepreg	1216
0	1.24 Not Specified	prepreg	1217
0	1.22 Not Specified	prepreg	1218
0	1.22 Not Specified	prepreg	1219
0	1.22 Not Specified	prepreg	1220
0	1.22 Not Specified	prepreg	1221
0	1.22 Not Specified	prepreg	1222
0	1.22 Not Specified	prepreg	1223
0	1.23 Not Specified	prepreg	1224
0	1.22 Not Specified	prepreg	1225
0	1.22 Not Specified	prepreg	1226
0	1.22 Not Specified	prepreg	1227
0	1.22 Not Specified	prepreg	1228
0	4.56 Not Specified	Prepreg	compress1
0	4.52 Not Specified	Prepreg	compress2
0	4.28 Not Specified	Prepreg	compress3
0	4.45 Not Specified	Prepreg	compress4
0	4.36 Not Specified	Prepreg	compress5
0	4.57 Not Specified	Prepreg	LC1D
0	4.56 Not Specified	Prepreg	LC11D
0	4.55 Not Specified	Prepreg	LC9D1
0	4.61 Not Specified	Prepreg	LC10D
0	4.55 Not Specified	Prepreg	LC9D
0	4.64 Not Specified	Prepreg	LC10D
0	4.65 Not Specified	Prepreg	LC11D
0	4.53 Not Specified	Prepreg	LC12D
0	4.64 Not Specified	Prepreg	LC13D
0	4.65 Not Specified	Prepreg	LC14D
0	4.51 Not Specified	Prepreg	LC16D
0	4.45 Not Specified	Prepreg	LC15D
0	4.52 Not Specified	Prepreg	LC22D
0	4.48 Not Specified	Prepreg	LC21D
0	4.55 Not Specified	Prepreg	LC20D
0	4.55 Not Specified	Prepreg	LC19D
0	4.55 Not Specified	Prepreg	LC18D
0	4.60 Not Specified	Prepreg	LC17D
0	4.60 Not Specified	Prepreg	LC1W
0	4.56 Not Specified	Prepreg	LC2W
0	4.66 Not Specified	Prepreg	LC3W
0	4.56 Not Specified	Prepreg	LC4W
0	4.60 Not Specified	Prepreg	LC5W
0	4.60 Not Specified	Prepreg	LC6W
0	4.71 Not Specified	Prepreg	LC7W
0	4.58 Not Specified	Prepreg	LC8W

0	4.64 Not Specified	Prepreg	LC9W
0	4.74 Not Specified	Prepreg	LC10W
0	4.72 Not Specified	Prepreg	LC11W
0	4.52 Not Specified	Prepreg	LC12W
0	4.62 Not Specified	Prepreg	LC13W
0	4.66 Not Specified	Prepreg	LC14W
0	4.58 Not Specified	Prepreg	LC15W
0	4.66 Not Specified	Prepreg	LC16W
0	4.53 Not Specified	Prepreg	LC17W
0	4.62 Not Specified	Prepreg	LC18W
0	4.58 Not Specified	Prepreg	LC19W
0	4.58 Not Specified	Prepreg	LC20W
0	4.64 Not Specified	Prepreg	LC21W
0	4.57 Not Specified	Prepreg	LC22W
0	4.69 Not Specified	Prepreg	LC23W
0	4.57 Not Specified	Prepreg	LC24W
0	4.62 Not Specified	Prepreg	LC25W
0	2.06 Not Specified	Prepreg	E1
0	2.06 Not Specified	Prepreg	E2
0	2.06 Not Specified	Prepreg	E3
0	2.08 Not Specified	Prepreg	E4
0	2.06 Not Specified	Prepreg	E5
0	2.06 Not Specified	Prepreg	E6
0	2.01 Not Specified	Prepreg	E7
0	2.06 Not Specified	Prepreg	E10
0	2.06 Not Specified	Prepreg	E11
0	2.01 Not Specified	Prepreg	E12
0	2.06 Not Specified	Prepreg	E13
0	2.03 Not Specified	Prepreg	E14
0	2.01 Not Specified	Prepreg	E15
0	2.11 Not Specified	Prepreg	E16
0	2.03 Not Specified	Prepreg	E17
0	2.01 Not Specified	Prepreg	E18
0	2.04 Not Specified	Prepreg	E19
0	2.06 Not Specified	Prepreg	E20
0	2.02 Not Specified	Prepreg	E21
0	2.01 Not Specified	Prepreg	E22
0	2.01 Not Specified	Prepreg	E23
0	2.02 Not Specified	Prepreg	E201W
0	2.03 Not Specified	Prepreg	E202W
0	2.22 Not Specified	Prepreg	E203W
0	2.13 Not Specified	Prepreg	E204W
0	2.06 Not Specified	Prepreg	E205W
0	2.04 Not Specified	Prepreg	E206W
0	2.11 Not Specified	Prepreg	E207W
0	2.03 Not Specified	Prepreg	E208W
0	2.03 Not Specified	Prepreg	E209W
0	2.04 Not Specified	Prepreg	E210W
0	2.02 Not Specified	Prepreg	E211W
0	2.02 Not Specified	Prepreg	E212W
0	2.03 Not Specified	Prepreg	E213W
0	2.03 Not Specified	Prepreg	E214W
0	2.03 Not Specified	Prepreg	E215W

0	2.04 Not Specified	Prepreg	E216W
0	4.22 10h 80C		135G3-100
0	4.24 10h 80C		135G3-101
0	4.21 10h 80C		135G3-102
0	4.00 10h 80C		135G3-103
0	4.15 10h 80C		135G3-104
0	4.18 10h 80C		135G3-105
0	4.50 10h 80C		135G3-204
0	3.51 10h 80C		135G3-208
0	3.68 10h 80C		135G3-210
0	4.36 10h 80C		135G3-213
0	4.56 10h 80C		135G3-207
0	4.47 10h 80C		135G3-217
0	4.25 10h 80C		135G3-216
0	4.17 10h 80C		135G3-218
0	3.27 10h 80C		135G3-211
0	4.60 10h 80C		135G3-201
0	4.46 10h 80C		135G3-200
0	3.99 10h 80C		135G3-203
0	4.14 10h 80C		135G3-215
0	4.45 10h 80C		135G3-219
0	3.71 10h 80C		136G3-220
0	4.65 10h 80C		135G3-221
0	4.27 10h 80C		135G3-212
0	3.87 10h 80C		135G3W-1515
0	4.54 10h 80C		135G3W-1516
0	3.89 10h 80C		135G3W-1517
0	3.91 10h 80C		135G3W-1501
0	3.93 10h 80C		135G3W-1507
0	3.92 10h 80C		135G3W-1508
0	3.92 10h 80C		135G3W-1510
0	3.85 10h 80C		135G3W-1512
0	4.98 10h 80C		135G3W-1514
0	3.97 10h 80C		135G3W-1520
0	3.66 10h 80C		135G3W-1523
0	3.76 10h 80C		135G3W-1525
0	4.01 10h 80C		135G3W-1526
0	3.00 10h 80C		340
0	3.00 10h 80C		341
0	3.00 10h 80C		342
0	3.00 10h 80C		301
0	3.00 10h 80C		302
0	3.00 10h 80C		303
0	3.00 10h 80C		304
0	3.00 10h 80C		305
0	3.00 10h 80C		306
0	3.00 10h 80C		316
0	3.00 10h 80C		317
0	3.00 10h 80C		318
0	3.00 10h 80C		309
0	3.00 10h 80C		311

0	3.00 10h 80C	315
0	3.00 10h 80C	313
0	3.00 10h 80C	356
0	3.00 10h 80C	357
0	3.00 10h 80C	375
0	3.00 10h 80C	360
0	3.00 10h 80C	310
0	3.00 10h 80C	312
0	3.00 10h 80C	314
0	3.00 10h 80C	307
0	3.00 10h 80C	308
0	3.00 10h 80C	361
0	3.00 10h 80C	359
0	3.00 10h 80C	362
0	3.00 10h 80C	363
0	3.00 10h 80C	400
0	3.00 10h 80C	401
0	3.00 10h 80C	343
0	3.00 10h 80C	353
0	3.00 10h 80C	344
0	3.00 10h 80C	358
0	3.00 10h 80C	1520W
0	3.00 10h 80C	1500W
0	3.00 10h 80C	1016W
0	3.00 10h 80C	1014W
0	3.00 10h 80C	1020W
0	3.00 10h 80C	1010W
0	3.00 10h 80C	1506W
0	3.00 10h 80C	1504W
0	3.00 10h 80C	1012W
0	3.00 10h 80C	1522W
0	3.00 10h 80C	1002W
0	3.00 10h 80C	1510W
0	3.00 10h 80C	1518W
0	3.00 10h 80C	1526W
0	3.00 10h 80C	1022W
0	3.00 10h 80C	1512W
0	3.00 10h 80C	1004W
0	3.00 10h 80C	1600W
0	3.00 10h 80C	1524W
0	3.00 10h 80C	1018W
0	3.00 10h 80C	1502W
0	3.00 10h 80C	1514W
0	3.00 10h 80C	1508W
0	3.00 10h 80C	1008W
0	3.00 10h 80C	1006W
0	3.00 10h 80C	1516W
0	3.00 10h 80C	1000W

0	3.16 24h/20C, 2h/60C	RTM	5236	p-t-2
0	3.16 24h/20C, 2h/60C	RTM	5237	p-t-3
0	3.16 24h/20C, 2h/60C	RTM	5238	p-t-15
0	3.16 24h/20C, 2h/60C	RTM	5239	p-t-5
0	3.16 24h/20C, 2h/60C	RTM	5240	p-t-6
0	3.16 24h/20C, 2h/60C	RTM	5241	p-t-7
0	3.16 24h/20C, 2h/60C	RTM	5242	p-t-8
0	3.16 24h/20C, 2h/60C	RTM	5243	p-t-9
0	3.16 24h/20C, 2h/60C	RTM	5244	p-t-10
0	3.16 24h/20C, 2h/60C	RTM	5245	p-t-11
0	3.16 24h/20C, 2h/60C	RTM	5246	p-t-12
0	3.16 24h/20C, 2h/60C	RTM	5247	w-p-t-1
0	3.16 24h/20C, 2h/60C	RTM	5248	w-p-t-2
0	3.16 24h/20C, 2h/60C	RTM	5249	w-p-t-3
0	3.16 24h/20C, 2h/60C	RTM	5250	w-p-t-4
0	3.16 24h/20C, 2h/60C	RTM	5251	w-p-t-5
0	3.16 24h/20C, 2h/60C	RTM	5252	w-p-t-6
0	3.16 24h/20C, 2h/60C	RTM	5253	w-p-t-7
0	3.16 24h/20C, 2h/60C	RTM	5254	w-p-t-8
0	3.16 24h/20C, 2h/60C	RTM	5255	w-p-t-9
0	3.16 24h/20C, 2h/60C	RTM	5256	w-p-t-10
0	3.16 24h/20C, 2h/60C	RTM	5257	w-p-t-11
0	3.16 24h/20C, 2h/60C	RTM	5258	w-p-t-12
0	3.16 24h/20C, 2h/60C	RTM	5259	p-c-1
0	3.16 24h/20C, 2h/60C	RTM	5260	p-c-2
0	3.16 24h/20C, 2h/60C	RTM	5261	p-c-3
0	3.16 24h/20C, 2h/60C	RTM	5262	p-c-4
0	3.16 24h/20C, 2h/60C	RTM	5263	p-c-5
0	3.16 24h/20C, 2h/60C	RTM	5264	p-c-6
0	3.16 24h/20C, 2h/60C	RTM	5265	p-c-7
0	3.16 24h/20C, 2h/60C	RTM	5266	p-c-8
0	3.16 24h/20C, 2h/60C	RTM	5267	p-c-9
0	3.16 24h/20C, 2h/60C	RTM	5268	p-c-10
0	3.16 24h/20C, 2h/60C	RTM	5269	p-c-11
0	3.16 24h/20C, 2h/60C	RTM	5270	p-c-12
0	3.16 24h/20C, 2h/60C	RTM	5271	w-p-c-1
0	3.16 24h/20C, 2h/60C	RTM	5272	w-p-c-2
0	3.16 24h/20C, 2h/60C	RTM	5273	w-p-c-3
0	3.16 24h/20C, 2h/60C	RTM	5274	w-p-c-4
0	3.16 24h/20C, 2h/60C	RTM	5275	w-p-c-5
0	3.16 24h/20C, 2h/60C	RTM	5276	w-p-c-6
0	3.16 24h/20C, 2h/60C	RTM	5277	w-p-c-10
0	3.16 24h/20C, 2h/60C	RTM	5278	w-p-c-11
0	3.16 24h/20C, 2h/60C	RTM	5279	w-p-c-12
0	3.16 24h/20C, 2h/60C	RTM	5280	w-p-c-7
0	3.16 24h/20C, 2h/60C	RTM	5281	w-p-c-8
0	3.16 24h/20C, 2h/60C	RTM	5282	w-p-c-9
0	3.15 24h/20C, 2h/60C	RTM	5283	p-tt-1
0	3.15 24h/20C, 2h/60C	RTM	5284	p-tt-2
0	3.15 24h/20C, 2h/60C	RTM	5285	p-tt-3
0	3.15 24h/20C, 2h/60C	RTM	5715	1T01
0	3.15 24h/20C, 2h/60C	RTM	5716	1T02
0	3.15 24h/20C, 2h/60C	RTM	5717	1T03

0	3.15 24h/20C, 2h/60C	RTM	5286	p-tt-4
0	3.15 24h/20C, 2h/60C	RTM	5287	p-tt-5
0	3.15 24h/20C, 2h/60C	RTM	5288	p-tt-6
0	3.15 24h/20C, 2h/60C	RTM	5289	p-tt-7
0	3.15 24h/20C, 2h/60C	RTM	5290	p-tt-8
0	3.15 24h/20C, 2h/60C	RTM	5291	p-tt-9
0	3.15 24h/20C, 2h/60C	RTM	5292	p-tt-10
0	3.15 24h/20C, 2h/60C	RTM	5293	p-tt-11
0	3.15 24h/20C, 2h/60C	RTM	5294	p-tt-12
0	3.15 24h/20C, 2h/60C	RTM	5295	w-p-tt-1
0	3.15 24h/20C, 2h/60C	RTM	5296	w-p-tt-2
0	3.15 24h/20C, 2h/60C	RTM	5297	w-p-tt-3
0	3.15 24h/20C, 2h/60C	RTM	5839	1t04
0	3.15 24h/20C, 2h/60C	RTM	5840	1t05
0	3.15 24h/20C, 2h/60C	RTM	5841	1t06
0	3.15 24h/20C, 2h/60C	RTM	5298	w-p-tt-4
0	3.15 24h/20C, 2h/60C	RTM	5299	w-p-tt-5
0	3.15 24h/20C, 2h/60C	RTM	5300	w-p-tt-6
0	3.15 24h/20C, 2h/60C	RTM	5301	w-p-tt-7
0	3.15 24h/20C, 2h/60C	RTM	5302	w-p-tt-8
0	3.15 24h/20C, 2h/60C	RTM	5303	w-p-tt-9
0	3.15 24h/20C, 2h/60C	RTM	5304	w-p-tt-10
0	3.15 24h/20C, 2h/60C	RTM	5305	w-p-tt-11
0	3.15 24h/20C, 2h/60C	RTM	5306	w-p-tt-12
0	3.12 24h/20C, 2h/60C	RTM	5307	p-45t-1
0	3.12 24h/20C, 2h/60C	RTM	5308	p-45t-2
0	3.12 24h/20C, 2h/60C	RTM	5309	p-45t-3
0	3.12 24h/20C, 2h/60C	RTM	5310	p-45t-4
0	3.12 24h/20C, 2h/60C	RTM	5311	p-45t-5
0	3.12 24h/20C, 2h/60C	RTM	5312	p-45t-6
0	3.12 24h/20C, 2h/60C	RTM	5313	p-45t-7
0	3.12 24h/20C, 2h/60C	RTM	5314	p-45t-8
0	3.12 24h/20C, 2h/60C	RTM	5315	p-45t-9
0	3.12 24h/20C, 2h/60C	RTM	5316	p-45t-10
0	3.12 24h/20C, 2h/60C	RTM	5317	p-45t-11
0	3.12 24h/20C, 2h/60C	RTM	5318	p-45t-12
0	3.12 24h/20C, 2h/60C	RTM	5319	w-p-45t-1
0	3.12 24h/20C, 2h/60C	RTM	5320	w-p-45t-2
0	3.12 24h/20C, 2h/60C	RTM	5321	w-p-45t-3
0	3.12 24h/20C, 2h/60C	RTM	5322	w-p-45t-4
0	3.12 24h/20C, 2h/60C	RTM	5323	w-p-45t-5
0	3.12 24h/20C, 2h/60C	RTM	5324	w-p-45t-6
0	3.12 24h/20C, 2h/60C	RTM	5325	w-p-45t-7
0	3.12 24h/20C, 2h/60C	RTM	5326	w-p-45t-8
0	3.12 24h/20C, 2h/60C	RTM	5327	w-p-45t-9
0	3.12 24h/20C, 2h/60C	RTM	5328	w-p-45t-10
0	3.12 24h/20C, 2h/60C	RTM	5329	w-p-45t-11
0	3.12 24h/20C, 2h/60C	RTM	5330	w-p-45t-12
0	3.16 24h/20C, 2h/60C	RTM	5331	411-t-1
0	3.16 24h/20C, 2h/60C	RTM	5332	411-t-2
0	3.16 24h/20C, 2h/60C	RTM	5333	411-t-3
0	3.16 24h/20C, 2h/60C	RTM	5334	411-t-4

0	3.16 24h/20C, 2h/60C	RTM	5335	411-t-5
0	3.16 24h/20C, 2h/60C	RTM	5336	411-t-6
0	3.16 24h/20C, 2h/60C	RTM	5337	411-t-7
0	3.16 24h/20C, 2h/60C	RTM	5338	411-t-8
0	3.16 24h/20C, 2h/60C	RTM	5339	411-t-9
0	3.16 24h/20C, 2h/60C	RTM	5340	411-t-10
0	3.16 24h/20C, 2h/60C	RTM	5341	411-t-11
0	3.16 24h/20C, 2h/60C	RTM	5342	411-t-12
0	3.16 24h/20C, 2h/60C	RTM	5343	w-411-t-1
0	3.16 24h/20C, 2h/60C	RTM	5344	w-411-t-2
0	3.16 24h/20C, 2h/60C	RTM	5345	w-411-t-3
0	3.16 24h/20C, 2h/60C	RTM	5346	w-411-t-4
0	3.16 24h/20C, 2h/60C	RTM	5347	w-411-t-5
0	3.16 24h/20C, 2h/60C	RTM	5348	w-411-t-6
0	3.16 24h/20C, 2h/60C	RTM	5349	w-411-t-7
0	3.16 24h/20C, 2h/60C	RTM	5350	w-411-t-8
0	3.16 24h/20C, 2h/60C	RTM	5351	w-411-t-9
0	3.16 24h/20C, 2h/60C	RTM	5352	w-411-t-10
0	3.16 24h/20C, 2h/60C	RTM	5353	w-411-t-11
0	3.16 24h/20C, 2h/60C	RTM	5354	w-411-t-12
0	3.16 24h/20C, 2h/60C	RTM	5355	411-c-1
0	3.16 24h/20C, 2h/60C	RTM	5356	411-c-2
0	3.16 24h/20C, 2h/60C	RTM	5357	411-c-3
0	3.16 24h/20C, 2h/60C	RTM	5358	411-c-4
0	3.16 24h/20C, 2h/60C	RTM	5359	411-c-5
0	3.16 24h/20C, 2h/60C	RTM	5360	411-c-6
0	3.16 24h/20C, 2h/60C	RTM	5361	411-c-7
0	3.16 24h/20C, 2h/60C	RTM	5362	411-c-8
0	3.16 24h/20C, 2h/60C	RTM	5363	411-c-9
0	3.16 24h/20C, 2h/60C	RTM	5364	411-c-10
0	3.16 24h/20C, 2h/60C	RTM	5365	411-c-11
0	3.16 24h/20C, 2h/60C	RTM	5366	411-c-12
0	3.16 24h/20C, 2h/60C	RTM	5367	w-411-c-1
0	3.16 24h/20C, 2h/60C	RTM	5368	w-411-c-2
0	3.16 24h/20C, 2h/60C	RTM	5369	w-411-c-3
0	3.16 24h/20C, 2h/60C	RTM	5370	w-411-c-4
0	3.16 24h/20C, 2h/60C	RTM	5371	w-411-c-5
0	3.16 24h/20C, 2h/60C	RTM	5372	w-411-c-6
0	3.16 24h/20C, 2h/60C	RTM	5373	w-411-c-10
0	3.16 24h/20C, 2h/60C	RTM	5374	w-411-c-11
0	3.16 24h/20C, 2h/60C	RTM	5375	w-411-c-12
0	3.16 24h/20C, 2h/60C	RTM	5376	w-411-c-7
0	3.16 24h/20C, 2h/60C	RTM	5377	w-411-c-8
0	3.16 24h/20C, 2h/60C	RTM	5378	w-411-c-9
0	3.15 24h/20C, 2h/60C	RTM	5379	411-tt-1
0	3.15 24h/20C, 2h/60C	RTM	5380	411-tt-2
0	3.15 24h/20C, 2h/60C	RTM	5381	411-tt-3
0	3.15 24h/20C, 2h/60C	RTM	5382	411-tt-4
0	3.15 24h/20C, 2h/60C	RTM	5383	411-tt-5
0	3.15 24h/20C, 2h/60C	RTM	5384	411-tt-6
0	3.15 24h/20C, 2h/60C	RTM	5385	411-tt-7
0	3.15 24h/20C, 2h/60C	RTM	5386	411-tt-8
0	3.15 24h/20C, 2h/60C	RTM	5387	411-tt-9

0	3.15 24h/20C, 2h/60C	RTM	5388	411-tt-10
0	3.15 24h/20C, 2h/60C	RTM	5389	411-tt-11
0	3.15 24h/20C, 2h/60C	RTM	5390	411-tt-12
0	3.15 24h/20C, 2h/60C	RTM	5718	ts4111
0	3.15 24h/20C, 2h/60C	RTM	5719	ts4112
0	3.15 24h/20C, 2h/60C	RTM	5720	ts4113
0	3.15 24h/20C, 2h/60C	RTM	5391	w-411-tt-1
0	3.15 24h/20C, 2h/60C	RTM	5392	w-411-tt-2
0	3.15 24h/20C, 2h/60C	RTM	5393	w-411-tt-3
0	3.15 24h/20C, 2h/60C	RTM	5394	w-411-tt-4
0	3.15 24h/20C, 2h/60C	RTM	5395	w-411-tt-5
0	3.15 24h/20C, 2h/60C	RTM	5396	w-411-tt-6
0	3.15 24h/20C, 2h/60C	RTM	5397	w-411-tt-7
0	3.15 24h/20C, 2h/60C	RTM	5398	w-411-tt-8
0	3.15 24h/20C, 2h/60C	RTM	5399	w-411-tt-9
0	3.15 24h/20C, 2h/60C	RTM	5400	w-411-tt-10
0	3.15 24h/20C, 2h/60C	RTM	5401	w-411-tt-11
0	3.15 24h/20C, 2h/60C	RTM	5402	w-411-tt-12
0	3.12 24h/20C, 2h/60C	RTM	5403	411-45t-1
0	3.12 24h/20C, 2h/60C	RTM	5404	411-45t-2
0	3.12 24h/20C, 2h/60C	RTM	5405	411-45t-3
0	3.12 24h/20C, 2h/60C	RTM	5406	411-45t-4
0	3.12 24h/20C, 2h/60C	RTM	5407	411-45t-5
0	3.12 24h/20C, 2h/60C	RTM	5408	411-45t-6
0	3.12 24h/20C, 2h/60C	RTM	5409	411-45t-7
0	3.12 24h/20C, 2h/60C	RTM	5410	411-45t-8
0	3.12 24h/20C, 2h/60C	RTM	5411	411-45t-9
0	3.12 24h/20C, 2h/60C	RTM	5412	411-45t-10
0	3.12 24h/20C, 2h/60C	RTM	5413	411-45t-11
0	3.12 24h/20C, 2h/60C	RTM	5414	411-45t-12
0	3.12 24h/20C, 2h/60C	RTM	5415	w-411-45t-1
0	3.12 24h/20C, 2h/60C	RTM	5416	w-411-45t-2
0	3.12 24h/20C, 2h/60C	RTM	5417	w-411-45t-3
0	3.12 24h/20C, 2h/60C	RTM	5418	w-411-45t-4
0	3.12 24h/20C, 2h/60C	RTM	5419	w-411-45t-5
0	3.12 24h/20C, 2h/60C	RTM	5420	w-411-45t-6
0	3.12 24h/20C, 2h/60C	RTM	5421	w-411-45t-7
0	3.12 24h/20C, 2h/60C	RTM	5422	w-411-45t-8
0	3.12 24h/20C, 2h/60C	RTM	5423	w-411-45t-9
0	3.12 24h/20C, 2h/60C	RTM	5424	w-411-45t-10
0	3.12 24h/20C, 2h/60C	RTM	5425	w-411-45t-11
0	3.12 24h/20C, 2h/60C	RTM	5426	w-411-45t-12
0	3.16 3h/60 C, 5h/100 C	RTM	5427	sc14-t-1
0	3.16 3h/60 C, 5h/100 C	RTM	5428	sc14-t-2
0	3.16 3h/60 C, 5h/100 C	RTM	5429	sc14-t-3
0	3.16 3h/60 C, 5h/100 C	RTM	5430	sc14-t-4
0	3.16 3h/60 C, 5h/100 C	RTM	5431	sc14-t-5
0	3.16 3h/60 C, 5h/100 C	RTM	5432	sc14-t-6
0	3.16 3h/60 C, 5h/100 C	RTM	5433	sc14-t-7
0	3.16 3h/60 C, 5h/100 C	RTM	5434	sc14-t-8
0	3.16 3h/60 C, 5h/100 C	RTM	5435	sc14-t-9
0	3.16 3h/60 C, 5h/100 C	RTM	5436	sc14-t-10

0	3.16 3h/60 C, 5h/100 C	RTM	5437	sc14-t-11
0	3.16 3h/60 C, 5h/100 C	RTM	5438	sc14-t-12
0	3.16 3h/60 C, 5h/100 C	RTM	5439	w-sc14-t-1
0	3.16 3h/60 C, 5h/100 C	RTM	5440	w-sc14-t-2
0	3.16 3h/60 C, 5h/100 C	RTM	5441	w-sc14-t-3
0	3.16 3h/60 C, 5h/100 C	RTM	5442	w-sc14-t-4
0	3.16 3h/60 C, 5h/100 C	RTM	5443	w-sc14-t-5
0	3.16 3h/60 C, 5h/100 C	RTM	5444	w-sc14-t-6
0	3.16 3h/60 C, 5h/100 C	RTM	5445	w-sc14-t-7
0	3.16 3h/60 C, 5h/100 C	RTM	5446	w-sc14-t-8
0	3.16 3h/60 C, 5h/100 C	RTM	5447	w-sc14-t-9
0	3.16 3h/60 C, 5h/100 C	RTM	5448	w-sc14-t-10
0	3.16 3h/60 C, 5h/100 C	RTM	5449	w-sc14-t-11
0	3.16 3h/60 C, 5h/100 C	RTM	5450	w-sc14-t-12
0	3.16 3h/60 C, 5h/100 C	RTM	5451	sc14-c-1
0	3.16 3h/60 C, 5h/100 C	RTM	5452	sc14-c-2
0	3.16 3h/60 C, 5h/100 C	RTM	5453	sc14-c-3
0	3.16 3h/60 C, 5h/100 C	RTM	5454	sc14-c-4
0	3.16 3h/60 C, 5h/100 C	RTM	5455	sc14-c-5
0	3.16 3h/60 C, 5h/100 C	RTM	5456	sc14-c-6
0	3.16 3h/60 C, 5h/100 C	RTM	5457	sc14-c-7
0	3.16 3h/60 C, 5h/100 C	RTM	5458	sc14-c-8
0	3.16 3h/60 C, 5h/100 C	RTM	5459	sc14-c-9
0	3.16 3h/60 C, 5h/100 C	RTM	5460	sc14-c-10
0	3.16 3h/60 C, 5h/100 C	RTM	5461	sc14-c-11
0	3.16 3h/60 C, 5h/100 C	RTM	5462	sc14-c-12
0	3.16 3h/60 C, 5h/100 C	RTM	5463	w-sc14-c-1
0	3.16 3h/60 C, 5h/100 C	RTM	5464	w-sc14-c-2
0	3.16 3h/60 C, 5h/100 C	RTM	5465	w-sc14-c-3
0	3.16 3h/60 C, 5h/100 C	RTM	5466	w-sc14-c-4
0	3.16 3h/60 C, 5h/100 C	RTM	5467	w-sc14-c-5
0	3.16 3h/60 C, 5h/100 C	RTM	5468	w-sc14-c-6
0	3.16 3h/60 C, 5h/100 C	RTM	5469	w-sc14-c-10
0	3.16 3h/60 C, 5h/100 C	RTM	5470	w-sc14-c-11
0	3.16 3h/60 C, 5h/100 C	RTM	5471	w-sc14-c-12
0	3.16 3h/60 C, 5h/100 C	RTM	5472	w-sc14-c-7
0	3.16 3h/60 C, 5h/100 C	RTM	5473	w-sc14-c-8
0	3.16 3h/60 C, 5h/100 C	RTM	5474	w-sc14-c-9
0	3.16 3h/60 C, 5h/100 C	RTM	5475	sc14-tt-14
0	3.16 3h/60 C, 5h/100 C	RTM	5476	sc14-tt-2
0	3.16 3h/60 C, 5h/100 C	RTM	5477	sc14-tt-3
0	3.16 3h/60 C, 5h/100 C	RTM	5478	sc14-tt-4
0	3.16 3h/60 C, 5h/100 C	RTM	5479	sc14-tt-5
0	3.16 3h/60 C, 5h/100 C	RTM	5480	sc14-tt-6
0	3.16 3h/60 C, 5h/100 C	RTM	5481	sc14-tt-7
0	3.16 3h/60 C, 5h/100 C	RTM	5482	sc14-tt-8
0	3.16 3h/60 C, 5h/100 C	RTM	5483	sc14-tt-9
0	3.16 3h/60 C, 5h/100 C	RTM	5484	sc14-tt-10
0	3.16 3h/60 C, 5h/100 C	RTM	5485	sc14-tt-11
0	3.16 3h/60 C, 5h/100 C	RTM	5486	sc14-tt-12
0	3.16 3h/60 C, 5h/100 C	RTM	5721	tsc141
0	3.16 3h/60 C, 5h/100 C	RTM	5722	tsc142
0	3.16 3h/60 C, 5h/100 C	RTM	5723	tsc143

0	3.16 3h/60 C, 5h/100 C	RTM	5487	w-sc14-tt-1
0	3.16 3h/60 C, 5h/100 C	RTM	5488	w-sc14-tt-2
0	3.16 3h/60 C, 5h/100 C	RTM	5489	w-sc14-tt-3
0	3.16 3h/60 C, 5h/100 C	RTM	5490	w-sc14-tt-4
0	3.16 3h/60 C, 5h/100 C	RTM	5491	w-sc14-tt-5
0	3.16 3h/60 C, 5h/100 C	RTM	5492	w-sc14-tt-6
0	3.16 3h/60 C, 5h/100 C	RTM	5493	w-sc14-tt-7
0	3.16 3h/60 C, 5h/100 C	RTM	5494	w-sc14-tt-8
0	3.16 3h/60 C, 5h/100 C	RTM	5495	w-sc14-tt-9
0	3.16 3h/60 C, 5h/100 C	RTM	5496	w-sc14-tt-10
0	3.16 3h/60 C, 5h/100 C	RTM	5497	w-sc14-tt-11
0	3.16 3h/60 C, 5h/100 C	RTM	5498	w-sc14-tt-12
0	3.16 3h/60 C, 5h/100 C	RTM	5499	sc14-45t-1
0	3.16 3h/60 C, 5h/100 C	RTM	5500	sc14-45t-2
0	3.16 3h/60 C, 5h/100 C	RTM	5501	sc14-45t-3
0	3.16 3h/60 C, 5h/100 C	RTM	5502	sc14-45t-4
0	3.16 3h/60 C, 5h/100 C	RTM	5503	sc14-45t-5
0	3.16 3h/60 C, 5h/100 C	RTM	5504	sc14-45t-6
0	3.16 3h/60 C, 5h/100 C	RTM	5505	sc14-45t-7
0	3.16 3h/60 C, 5h/100 C	RTM	5506	sc14-45t-8
0	3.16 3h/60 C, 5h/100 C	RTM	5507	sc14-45t-9
0	3.16 3h/60 C, 5h/100 C	RTM	5508	sc14-45t-10
0	3.16 3h/60 C, 5h/100 C	RTM	5509	sc14-45t-11
0	3.16 3h/60 C, 5h/100 C	RTM	5510	sc14-45t-12
0	3.16 3h/60 C, 5h/100 C	RTM	5511	w-sc1445t1
0	3.16 3h/60 C, 5h/100 C	RTM	5512	w-sc1445t2
0	3.16 3h/60 C, 5h/100 C	RTM	5513	w-sc1445t3
0	3.16 3h/60 C, 5h/100 C	RTM	5514	w-sc1445t4
0	3.16 3h/60 C, 5h/100 C	RTM	5515	w-sc1445t5
0	3.16 3h/60 C, 5h/100 C	RTM	5516	w-sc1445t6
0	3.16 3h/60 C, 5h/100 C	RTM	5517	w-sc1445t7
0	3.16 3h/60 C, 5h/100 C	RTM	5518	w-sc1445t8
0	3.16 3h/60 C, 5h/100 C	RTM	5519	w-sc1445t9
0	3.16 3h/60 C, 5h/100 C	RTM	5520	w-sc1445t10
0	3.16 3h/60 C, 5h/100 C	RTM	5521	w-sc1445t11
0	3.16 3h/60 C, 5h/100 C	RTM	5522	w-sc1445t12
0	3.16 24h/20C, 2h/60C	RTM	5523	8084-t-1
0	3.16 24h/20C, 2h/60C	RTM	5524	8084-t-2
0	3.16 24h/20C, 2h/60C	RTM	5525	8084-t-3
0	3.16 24h/20C, 2h/60C	RTM	5526	8084-t-4
0	3.16 24h/20C, 2h/60C	RTM	5527	8084-t-5
0	3.16 24h/20C, 2h/60C	RTM	5528	8084-t-6
0	3.16 24h/20C, 2h/60C	RTM	5529	8084-t-7
0	3.16 24h/20C, 2h/60C	RTM	5530	8084-t-8
0	3.16 24h/20C, 2h/60C	RTM	5531	8084-t-9
0	3.16 24h/20C, 2h/60C	RTM	5532	8084-t-10
0	3.16 24h/20C, 2h/60C	RTM	5533	8084-t-11
0	3.16 24h/20C, 2h/60C	RTM	5534	8084-t-12
0	3.16 24h/20C, 2h/60C	RTM	5535	w-8084-t-1
0	3.16 24h/20C, 2h/60C	RTM	5536	w-8084-t-2
0	3.16 24h/20C, 2h/60C	RTM	5537	w-8084-t-3
0	3.16 24h/20C, 2h/60C	RTM	5538	w-8084-t-4

0	3.16 24h/20C, 2h/60C	RTM	5539	w-8084-t-5
0	3.16 24h/20C, 2h/60C	RTM	5540	w-8084-t-6
0	3.16 24h/20C, 2h/60C	RTM	5541	w-8084-t-7
0	3.16 24h/20C, 2h/60C	RTM	5542	w-8084-t-8
0	3.16 24h/20C, 2h/60C	RTM	5543	w-8084-t-9
0	3.16 24h/20C, 2h/60C	RTM	5544	w-8084-t-10
0	3.16 24h/20C, 2h/60C	RTM	5545	w-8084-t-11
0	3.16 24h/20C, 2h/60C	RTM	5546	w-8084-t-12
0	3.16 24h/20C, 2h/60C	RTM	5547	8084-c-1
0	3.16 24h/20C, 2h/60C	RTM	5548	8084-c-2
0	3.16 24h/20C, 2h/60C	RTM	5549	8084-c-3
0	3.16 24h/20C, 2h/60C	RTM	5550	8084-c-4
0	3.16 24h/20C, 2h/60C	RTM	5551	8084-c-5
0	3.16 24h/20C, 2h/60C	RTM	5552	8084-c-6
0	3.16 24h/20C, 2h/60C	RTM	5553	8084-c-7
0	3.16 24h/20C, 2h/60C	RTM	5554	8084-c-8
0	3.16 24h/20C, 2h/60C	RTM	5555	8084-c-9
0	3.16 24h/20C, 2h/60C	RTM	5556	8084-c-10
0	3.16 24h/20C, 2h/60C	RTM	5557	8084-c-11
0	3.16 24h/20C, 2h/60C	RTM	5558	8084-c-12
0	3.16 24h/20C, 2h/60C	RTM	5559	w-8084-c-1
0	3.16 24h/20C, 2h/60C	RTM	5560	w-8084-c-2
0	3.16 24h/20C, 2h/60C	RTM	5561	w-8084-c-3
0	3.16 24h/20C, 2h/60C	RTM	5562	w-8084-c-4
0	3.16 24h/20C, 2h/60C	RTM	5563	w-8084-c-5
0	3.16 24h/20C, 2h/60C	RTM	5564	w-8084-c-6
0	3.16 24h/20C, 2h/60C	RTM	5565	w-8084-c-10
0	3.16 24h/20C, 2h/60C	RTM	5566	w-8084-c-11
0	3.16 24h/20C, 2h/60C	RTM	5567	w-8084-c-12
0	3.16 24h/20C, 2h/60C	RTM	5568	w-8084-c-7
0	3.16 24h/20C, 2h/60C	RTM	5569	w-8084-c-8
0	3.16 24h/20C, 2h/60C	RTM	5570	w-8084-c-9
0	3.15 24h/20C, 2h/60C	RTM	5571	8084-tt-1
0	3.15 24h/20C, 2h/60C	RTM	5572	8084-tt-2
0	3.15 24h/20C, 2h/60C	RTM	5573	8084-tt-3
0	3.15 24h/20C, 2h/60C	RTM	5574	8084-tt-4
0	3.15 24h/20C, 2h/60C	RTM	5575	8084-tt-5
0	3.15 24h/20C, 2h/60C	RTM	5576	8084-tt-13
0	3.15 24h/20C, 2h/60C	RTM	5577	8084-tt-7
0	3.15 24h/20C, 2h/60C	RTM	5578	8084-tt-8
0	3.15 24h/20C, 2h/60C	RTM	5579	8084-tt-9
0	3.15 24h/20C, 2h/60C	RTM	5580	8084-tt-10
0	3.15 24h/20C, 2h/60C	RTM	5581	8084-tt-11
0	3.15 24h/20C, 2h/60C	RTM	5582	8084-tt-12
0	3.15 24h/20C, 2h/60C	RTM	5724	t80841
0	3.15 24h/20C, 2h/60C	RTM	5725	t80842
0	3.15 24h/20C, 2h/60C	RTM	5726	t80843
0	3.15 24h/20C, 2h/60C	RTM	5583	w-8084-tt-1
0	3.15 24h/20C, 2h/60C	RTM	5584	w-8084-tt-2
0	3.15 24h/20C, 2h/60C	RTM	5585	w-8084-tt-3
0	3.15 24h/20C, 2h/60C	RTM	5586	w-8084-tt-4
0	3.15 24h/20C, 2h/60C	RTM	5587	w-8084-tt-5
0	3.15 24h/20C, 2h/60C	RTM	5588	w-8084-tt-6

0	3.15 24h/20C, 2h/60C	RTM	5589	w-8084-tt-7
0	3.15 24h/20C, 2h/60C	RTM	5590	w-8084-tt-8
0	3.15 24h/20C, 2h/60C	RTM	5591	w-8084-tt-9
0	3.15 24h/20C, 2h/60C	RTM	5592	w-8084-tt-10
0	3.15 24h/20C, 2h/60C	RTM	5593	w-8084-tt-11
0	3.15 24h/20C, 2h/60C	RTM	5594	w-8084-tt-12
0	3.12 24h/20C, 2h/60C	RTM	5595	8084-45t-1
0	3.12 24h/20C, 2h/60C	RTM	5596	8084-45t-2
0	3.12 24h/20C, 2h/60C	RTM	5597	8084-45t-3
0	3.12 24h/20C, 2h/60C	RTM	5598	8084-45t-4
0	3.12 24h/20C, 2h/60C	RTM	5599	8084-45t-5
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0	3.12 24h/20C, 2h/60C	RTM	5601	8084-45t-7
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0	3.12 24h/20C, 2h/60C	RTM	5603	8084-45t-9
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0	3.12 24h/20C, 2h/60C	RTM	5605	8084-45t-11
0	3.12 24h/20C, 2h/60C	RTM	5606	8084-45t-12
0	3.12 24h/20C, 2h/60C	RTM	5607	w-8084-45t-1
0	3.12 24h/20C, 2h/60C	RTM	5608	w-8084-45t-2
0	3.12 24h/20C, 2h/60C	RTM	5609	w-8084-45t-3
0	3.12 24h/20C, 2h/60C	RTM	5610	w-8084-45t-4
0	3.12 24h/20C, 2h/60C	RTM	5611	w-8084-45t-5
0	3.12 24h/20C, 2h/60C	RTM	5612	w-8084-45t-6
0	3.12 24h/20C, 2h/60C	RTM	5613	w-8084-45t-7
0	3.12 24h/20C, 2h/60C	RTM	5614	w-8084-45t-8
0	3.12 24h/20C, 2h/60C	RTM	5615	w-8084-45t-9
0	3.12 24h/20C, 2h/60C	RTM	5616	w-8084-45t-10
0	3.12 24h/20C, 2h/60C	RTM	5617	w-8084-45t-11
0	3.12 24h/20C, 2h/60C	RTM	5618	w-8084-45t-12
0	3.16 24h/20C, 2h/60C	RTM	5619	tp-t-1
0	3.16 24h/20C, 2h/60C	RTM	5620	tp-t-2
0	3.16 24h/20C, 2h/60C	RTM	5621	tp-t-3
0	3.16 24h/20C, 2h/60C	RTM	5622	tp-t-4
0	3.16 24h/20C, 2h/60C	RTM	5623	tp-t-5
0	3.16 24h/20C, 2h/60C	RTM	5624	tp-t-6
0	3.16 24h/20C, 2h/60C	RTM	5625	tp-t-7
0	3.16 24h/20C, 2h/60C	RTM	5626	tp-t-8
0	3.16 24h/20C, 2h/60C	RTM	5627	tp-t-9
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0	3.16 24h/20C, 2h/60C	RTM	5629	tp-t-11
0	3.16 24h/20C, 2h/60C	RTM	5630	tp-t-12
0	3.16 24h/20C, 2h/60C	RTM	5631	w-tp-t-1
0	3.16 24h/20C, 2h/60C	RTM	5632	w-tp-t-2
0	3.16 24h/20C, 2h/60C	RTM	5633	w-tp-t-3
0	3.16 24h/20C, 2h/60C	RTM	5634	w-tp-t-4
0	3.16 24h/20C, 2h/60C	RTM	5636	w-tp-t-6
0	3.16 24h/20C, 2h/60C	RTM	5637	w-tp-t-7
0	3.16 24h/20C, 2h/60C	RTM	5638	w-tp-t-8
0	3.16 24h/20C, 2h/60C	RTM	5639	w-tp-t-9
0	3.16 24h/20C, 2h/60C	RTM	5640	w-tp-t-10
0	3.16 24h/20C, 2h/60C	RTM	5641	w-tp-t-11

0	3.16 24h/20C, 2h/60C	RTM	5642	w-tp-t-12
0	3.16 24h/20C, 2h/60C	RTM	5643	tp-c-1
0	3.16 24h/20C, 2h/60C	RTM	5644	tp-c-2
0	3.16 24h/20C, 2h/60C	RTM	5645	tp-c-3
0	3.16 24h/20C, 2h/60C	RTM	5646	tp-c-4
0	3.16 24h/20C, 2h/60C	RTM	5647	tp-c-5
0	3.16 24h/20C, 2h/60C	RTM	5648	tp-c-6
0	3.16 24h/20C, 2h/60C	RTM	5649	tp-c-7
0	3.16 24h/20C, 2h/60C	RTM	5650	tp-c-8
0	3.16 24h/20C, 2h/60C	RTM	5651	tp-c-9
0	3.16 24h/20C, 2h/60C	RTM	5652	tp-c-10
0	3.16 24h/20C, 2h/60C	RTM	5653	tp-c-11
0	3.16 24h/20C, 2h/60C	RTM	5654	tp-c-12
0	3.16 24h/20C, 2h/60C	RTM	5655	w-tp-c-1
0	3.16 24h/20C, 2h/60C	RTM	5656	w-tp-c-2
0	3.16 24h/20C, 2h/60C	RTM	5657	w-tp-c-3
0	3.16 24h/20C, 2h/60C	RTM	5658	w-tp-c-4
0	3.16 24h/20C, 2h/60C	RTM	5659	w-tp-c-5
0	3.16 24h/20C, 2h/60C	RTM	5660	w-tp-c-6
0	3.16 24h/20C, 2h/60C	RTM	5661	w-tp-c-10
0	3.16 24h/20C, 2h/60C	RTM	5662	w-tp-c-11
0	3.16 24h/20C, 2h/60C	RTM	5663	w-tp-c-12
0	3.16 24h/20C, 2h/60C	RTM	5664	w-tp-c-7
0	3.16 24h/20C, 2h/60C	RTM	5665	w-tp-c-8
0	3.16 24h/20C, 2h/60C	RTM	5666	w-tp-c-9
0	3.15 24h/20C, 2h/60C	RTM	5667	tp-tt-1
0	3.15 24h/20C, 2h/60C	RTM	5668	tp-tt-2
0	3.15 24h/20C, 2h/60C	RTM	5669	tp-tt-3
0	3.15 24h/20C, 2h/60C	RTM	5670	tp-tt-4
0	3.15 24h/20C, 2h/60C	RTM	5671	tp-tt-5
0	3.15 24h/20C, 2h/60C	RTM	5672	tp-tt-6
0	3.15 24h/20C, 2h/60C	RTM	5673	tp-tt-7
0	3.15 24h/20C, 2h/60C	RTM	5674	tp-tt-8
0	3.15 24h/20C, 2h/60C	RTM	5675	tp-tt-9
0	3.15 24h/20C, 2h/60C	RTM	5676	tp-tt-10
0	3.15 24h/20C, 2h/60C	RTM	5677	tp-tt-11
0	3.15 24h/20C, 2h/60C	RTM	5678	tp-tt-12
0	3.15 24h/20C, 2h/60C	RTM	5679	w-tp-tt-1
0	3.15 24h/20C, 2h/60C	RTM	5680	w-tp-tt-2
0	3.15 24h/20C, 2h/60C	RTM	5681	w-tp-tt-3
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0	3.15 24h/20C, 2h/60C	RTM	5683	w-tp-tt-5
0	3.15 24h/20C, 2h/60C	RTM	5684	w-tp-tt-6
0	3.15 24h/20C, 2h/60C	RTM	5685	w-tp-tt-7
0	3.15 24h/20C, 2h/60C	RTM	5686	w-tp-tt-8
0	3.15 24h/20C, 2h/60C	RTM	5687	w-tp-tt-9
0	3.15 24h/20C, 2h/60C	RTM	5688	w-tp-tt-10
0	3.15 24h/20C, 2h/60C	RTM	5689	w-tp-tt-11
0	3.15 24h/20C, 2h/60C	RTM	5690	w-tp-tt-12
0	3.12 24h/20C, 2h/60C	RTM	5691	tp-45t-1
0	3.12 24h/20C, 2h/60C	RTM	5692	tp-45t-2
0	3.12 24h/20C, 2h/60C	RTM	5693	tp-45t-3

0	3.12 24h/20C, 2h/60C	RTM	5694	tp-45t-4
0	3.12 24h/20C, 2h/60C	RTM	5695	tp-45t-5
0	3.12 24h/20C, 2h/60C	RTM	5696	tp-45t-6
0	3.12 24h/20C, 2h/60C	RTM	5697	tp-45t-7
0	3.12 24h/20C, 2h/60C	RTM	5698	tp-45t-8
0	3.12 24h/20C, 2h/60C	RTM	5699	tp-45t-9
0	3.12 24h/20C, 2h/60C	RTM	5700	tp-45t-10
0	3.12 24h/20C, 2h/60C	RTM	5701	tp-45t-11
0	3.12 24h/20C, 2h/60C	RTM	5702	tp-45t-12
0	3.12 24h/20C, 2h/60C	RTM	5703	w-tp-45t-1
0	3.12 24h/20C, 2h/60C	RTM	5704	w-tp-45t-2
0	3.12 24h/20C, 2h/60C	RTM	5705	w-tp-45t-3
0	3.12 24h/20C, 2h/60C	RTM	5706	w-tp-45t-4
0	3.12 24h/20C, 2h/60C	RTM	5707	w-tp-45t-5
0	3.12 24h/20C, 2h/60C	RTM	5708	w-tp-45t-6
0	3.12 24h/20C, 2h/60C	RTM	5709	w-tp-45t-7
0	3.12 24h/20C, 2h/60C	RTM	5710	w-tp-45t-8
0	3.12 24h/20C, 2h/60C	RTM	5711	w-tp-45t-9
0	3.12 24h/20C, 2h/60C	RTM	5712	w-tp-45t-10
0	3.12 24h/20C, 2h/60C	RTM	5713	w-tp-45t-11
0	3.12 24h/20C, 2h/60C	RTM	5714	w-tp-45t-12
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0	3.2 24h/20C, 2h/60C	RTM	5740	D6327
0	3.2 24h/20C, 2h/60C	RTM	5741	D6533
0	3.2 24h/20C, 2h/60C	RTM	5742	D6212
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0	3.19 24h/20C, 2h/60C	RTM	5744	A6140
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0	3.19 24h/20C, 2h/60C	RTM	5746	A5974
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0	3.2 24h/20C, 2h/60C	RTM	5748	D6517
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0	3.19 24h/20C, 2h/60C	RTM	5753	A6141
0	3.19 24h/20C, 2h/60C	RTM	5754	A6147
0	3.2 24h/20C, 2h/60C	RTM	5755	D6229
0	3.2 24h/20C, 2h/60C	RTM	5756	D6194
0	3.2 24h/20C, 2h/60C	RTM	5757	D6112
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0	3.19 24h/20C, 2h/60C	RTM	5762	A5950
0	3.2 24h/20C, 2h/60C	RTM	5763	D6441
0	3.2 24h/20C, 2h/60C	RTM	5764	D6365
0	3.2 24h/20C, 2h/60C	RTM	5765	D6369
0	3.2 24h/20C, 2h/60C	RTM	5766	D6443
0	3.2 24h/20C, 2h/60C	RTM	5767	D6489
0	3.2 24h/20C, 2h/60C	RTM	5768	D6846
0	3.2 24h/20C, 2h/60C	RTM	5769	D6590
0	3.19 24h/20C, 2h/60C	RTM	5770	A6570

0	3.19 24h/20C, 2h/60C	RTM	5771	A5976
0	3.19 24h/20C, 2h/60C	RTM	5772	A6021
0	3.19 24h/20C, 2h/60C	RTM	5773	A6228
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0	3.19 24h/20C, 2h/60C	RTM	5778	A5980
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0	3.19 24h/20C, 2h/60C	RTM	5784	A6070
0	3.19 24h/20C, 2h/60C	RTM	5785	A5983
0	3.2 24h/20C, 2h/60C	RTM	5786	D6212
0	3.2 24h/20C, 2h/60C	RTM	5787	D6220
0	3.2 24h/20C, 2h/60C	RTM	5788	D6171
0	3.2 24h/20C, 2h/60C	RTM	5789	D6794
0	3.2 24h/20C, 2h/60C	RTM	5790	D5978
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0	3.2 24h/20C, 2h/60C	RTM	5792	D6491
0	3.2 24h/20C, 2h/60C	RTM	5793	D6270
0	3.19 24h/20C, 2h/60C	RTM	5794	A6008
0	3.19 24h/20C, 2h/60C	RTM	5795	A6506
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0	3.2 24h/20C, 2h/60C	RTM	5803	D6883
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0	3.2 24h/20C, 2h/60C	RTM	5811	D5960
0	3.2 24h/20C, 2h/60C	RTM	5812	D5842
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0	3.19 24h/20C, 2h/60C	RTM	5814	A5975
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0	3.2 24h/20C, 2h/60C	RTM	5819	D6248
0	3.2 24h/20C, 2h/60C	RTM	5820	D6265
0	3.2 24h/20C, 2h/60C	RTM	5821	D6472
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0	3.2 24h/20C, 2h/60C	RTM	5823	D6428
0	3.2 24h/20C, 2h/60C	RTM	5824	D6183

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0	3.13 24h/20C, 2h/60C	RTM	4880	DD5P820
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0	3.13 24h/20C, 2h/60C	RTM	4883	DD5P819
0	3.13 24h/20C, 2h/60C	RTM	4884	DD5P814
0	3.13 24h/20C, 2h/60C	RTM	4885	DD5P817
0	3.13 24h/20C, 2h/60C	RTM	4886	DD5P812
0	3.13 24h/20C, 2h/60C	RTM	4887	DD5P821
0	3.13 24h/20C, 2h/60C	RTM	4888	DD5P818
0	2.95 24h/20C, 2h/60C	RTM	4891	DD5P908W
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0	2.95 24h/20C, 2h/60C	RTM	4893	DD5P901W
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0	2.95 24h/20C, 2h/60C	RTM	4895	DD5P903W
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0	2.95 24h/20C, 2h/60C	RTM	5861	DD5P910W
0	2.95 24h/20C, 2h/60C	RTM	5862	DD5P911W
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0	3.13 24h/20C, 2h/60C	RTM	5885	DD5P945
0	3.13 24h/20C, 2h/60C	RTM	5898	DD5P940
0	3.13 24h/20C, 2h/60C	RTM	5886	DD5P944
0	3.13 24h/20C, 2h/60C	RTM	5887	DD5P937
0	3.13 24h/20C, 2h/60C	RTM	5892	DD5P936
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0	2.95 24h/20C, 2h/60C	RTM	5889	DD5P956W
0	2.95 24h/20C, 2h/60C	RTM	5890	DD5P955W
0	2.95 24h/20C, 2h/60C	RTM	5891	DD5P964W
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0	2.95 24h/20C, 2h/60C	RTM	5894	DD5P958W
0	2.95 24h/20C, 2h/60C	RTM	5895	DD5P959W
0	2.95 24h/20C, 2h/60C	RTM	5896	DD5P960W
0	2.95 24h/20C, 2h/60C	RTM	5897	DD5P961W
0	2.95 24h/20C, 2h/60C	RTM	5899	DD5P962W
0	2.95 24h/20C, 2h/60C	RTM	6046	DD5P963W
0	2.95 24h/20C, 2h/60C	RTM	6047	DD5P964W
0	2.95 24h/20C, 2h/60C	RTM	6048	DD5P965W
0	3.13 24h/20C, 2h/60C	RTM	6000	DD5P208D
0	3.13 24h/20C, 2h/60C	RTM	6001	DD5P209D
0	3.13 24h/20C, 2h/60C	RTM	6002	DD5P200D
0	3.13 24h/20C, 2h/60C	RTM	6003	DD5P201D
0	3.13 24h/20C, 2h/60C	RTM	6159	DD5P970D
0	3.13 24h/20C, 2h/60C	RTM	6160	DD5P971D
0	3.13 24h/20C, 2h/60C	RTM	6161	DD5P972D
0	2.95 24h/20C, 2h/60C	RTM	6162	DD5P966W
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0	2.95 24h/20C, 2h/60C	RTM	6164	DD5P968W
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0	3.13 24h/20C, 2h/60C	RTM	6166	DD5P976D
0	3.13 24h/20C, 2h/60C	RTM	6167	DD5P977D
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0	3.2 24h/20C, 2h/60C	RTM	6027	DD5P2309D
0	3.2 24h/20C, 2h/60C	RTM	6028	DD5P2304D
0	3.2 24h/20C, 2h/60C	RTM	6029	DD5P2310D
0	3.2 24h/20C, 2h/60C	RTM	6030	DD5P2305D
0	3.2 24h/20C, 2h/60C	RTM	6031	DD5P2303D
0	3.2 24h/20C, 2h/60C	RTM	6032	DD5P2311D
0	3.2 24h/20C, 2h/60C	RTM	6016	DD5P2400W
0	3.2 24h/20C, 2h/60C	RTM	6017	DD5P2401W
0	3.2 24h/20C, 2h/60C	RTM	6018	DD5P2402W
0	3.2 24h/20C, 2h/60C	RTM	6019	DD5P2403W
0	3.2 24h/20C, 2h/60C	RTM	6020	DD5P2404W
0	3.2 24h/20C, 2h/60C	RTM	6021	DD5P2405W
0	3.2 24h/20C, 2h/60C	RTM	6022	DD5P2406W

0	3.2 24h/20C, 2h/60C	RTM	6025	DD5P2407W
0	3.2 24h/20C, 2h/60C	RTM	6026	DD5P2408W
0	3.2 24h/20C, 2h/60C	RTM	6080	DD5P2455W
0	3.2 24h/20C, 2h/60C	RTM	6089	DD5P2515W
0	3.2 24h/20C, 2h/60C	RTM	6090	DD5P2525W
0	3.2 24h/20C, 2h/60C	RTM	6091	DD5P2535W
0	3.2 24h/20C, 2h/60C	RTM	6092	DD5P2545W
0	3.2 24h/20C, 2h/60C	RTM	6101	DD5P2320
0	3.2 24h/20C, 2h/60C	RTM	6102	DD5P2301
0	3.2 24h/20C, 2h/60C	RTM	6103	DD5P2302
0	3.2 24h/20C, 2h/60C	RTM	6104	DD5P2319
0	3.2 24h/20C, 2h/60C	RTM	6113	DD5P2500
0	3.2 24h/20C, 2h/60C	RTM	6114	DD5P2501
0	3.2 24h/20C, 2h/60C	RTM	6115	DD5P2502
0	3.2 24h/20C, 2h/60C	RTM	6116	DD5P2379
0	3.2 24h/20C, 2h/60C	RTM	6117	DD5P2504
0	3.2 24h/20C, 2h/60C	RTM	6118	DD5P2505
0	3.2 24h/20C, 2h/60C	RTM	6119	DD5P2506
0	3.2 24h/20C, 2h/60C	RTM	6120	DD5P2507
0	3.2 24h/20C, 2h/60C	RTM	6121	DD5P2508
0	3.2 24h/20C, 2h/60C	RTM	6122	DD5P2509
0	3.2 24h/20C, 2h/60C	RTM	6123	DD5P2510
0	3.2 24h/20C, 2h/60C	RTM	6124	DD5P2511
0	3.2 24h/20C, 2h/60C	RTM	6125	DD5P2512
0	3.2 24h/20C, 2h/60C	RTM	6126	DD5P2513
0	3.2 24h/20C, 2h/60C	RTM	6127	DD5P2514
0	3.2 24h/20C, 2h/60C	RTM	6128	DD5P2515
0	3.2 24h/20C, 2h/60C	RTM	6129	DD5P2516
0	3.2 24h/20C, 2h/60C	RTM	6130	DD5P2517
0	3.15 24h/20C, 2h/60C	RTM	6008	DD5V306D
0	3.15 24h/20C, 2h/60C	RTM	6009	DD5V300D
0	3.15 24h/20C, 2h/60C	RTM	6010	DD5V309D
0	3.15 24h/20C, 2h/60C	RTM	6011	DD5V302D
0	3.15 24h/20C, 2h/60C	RTM	6060	DD5V337D
0	3.15 24h/20C, 2h/60C	RTM	6061	DD5V311D
0	3.15 24h/20C, 2h/60C	RTM	6062	DD5V333D
0	3.15 24h/20C, 2h/60C	RTM	6063	DD5V352D
0	3.15 24h/20C, 2h/60C	RTM	6064	DD5V349D
0	3.15 24h/20C, 2h/60C	RTM	6065	DD5V358D
0	3.15 24h/20C, 2h/60C	RTM	6066	DD5V332D
0	3.15 24h/20C, 2h/60C	RTM	6067	DD5V357D
0	3.15 24h/20C, 2h/60C	RTM	6049	DD5V400W
0	3.15 24h/20C, 2h/60C	RTM	6050	DD5V401W
0	3.15 24h/20C, 2h/60C	RTM	6051	DD5V402W
0	3.15 24h/20C, 2h/60C	RTM	6052	DD5V403W
0	3.15 24h/20C, 2h/60C	RTM	6053	DD5V433W
0	3.15 24h/20C, 2h/60C	RTM	6054	DD5V404W
0	3.15 24h/20C, 2h/60C	RTM	6055	DD5V405W
0	3.15 24h/20C, 2h/60C	RTM	6056	DD5V406W
0	3.15 24h/20C, 2h/60C	RTM	6057	DD5V407W
0	3.15 24h/20C, 2h/60C	RTM	6058	DD5V408W
0	3.15 24h/20C, 2h/60C	RTM	6059	DD5V409W
0	3.15 24h/20C, 2h/60C	RTM	6081	DD5VS1W

0	3.15 24h/20C, 2h/60C	RTM	6082	DD5VS2W
0	3.15 24h/20C, 2h/60C	RTM	6083	DD5VS3W
0	3.15 24h/20C, 2h/60C	RTM	6084	DD5VS4W
0	3.15 24h/20C, 2h/60C	RTM	6093	DD5V515W
0	3.15 24h/20C, 2h/60C	RTM	6094	DD5V525W
0	3.15 24h/20C, 2h/60C	RTM	6095	DD5V535W
0	3.15 24h/20C, 2h/60C	RTM	6096	DD5V545W
0	3.15 24h/20C, 2h/60C	RTM	6109	DD5V355
0	3.15 24h/20C, 2h/60C	RTM	6110	DD5V348
0	3.15 24h/20C, 2h/60C	RTM	6111	DD5V362
0	3.15 24h/20C, 2h/60C	RTM	6112	DD5V360
0	3.15 24h/20C, 2h/60C	RTM	6149	DD5V550W
0	3.15 24h/20C, 2h/60C	RTM	6150	DD5V551W
0	3.15 24h/20C, 2h/60C	RTM	6151	DD5V552W
0	3.15 24h/20C, 2h/60C	RTM	6153	DD5V554W
0	3.15 24h/20C, 2h/60C	RTM	6154	DD5V555W
0	3.15 24h/20C, 2h/60C	RTM	6155	DD5V556W
0	3.15 24h/20C, 2h/60C	RTM	6156	DD5V557W
0	3.15 24h/20C, 2h/60C	RTM	6157	DD5V558W
0	3.15 24h/20C, 2h/60C	RTM	6158	DD5V557W
0	3.17 24h/20C, 2h/60C	RTM	6012	DD5V2316D
0	3.17 24h/20C, 2h/60C	RTM	6013	DD5V2324D
0	3.17 24h/20C, 2h/60C	RTM	6014	DD5V2322D
0	3.17 24h/20C, 2h/60C	RTM	6015	DD5V2301D
0	3.17 24h/20C, 2h/60C	RTM	6033	DD5V2303D
0	3.17 24h/20C, 2h/60C	RTM	6034	DD5V2319D
0	3.17 24h/20C, 2h/60C	RTM	6035	DD5V2320D
0	3.17 24h/20C, 2h/60C	RTM	6036	DD5V2314D
0	3.17 24h/20C, 2h/60C	RTM	6037	DD5V2305D
0	3.17 24h/20C, 2h/60C	RTM	6038	DD5V2326D
0	3.17 24h/20C, 2h/60C	RTM	6039	DD5V2400W
0	3.17 24h/20C, 2h/60C	RTM	6040	DD5V2401W
0	3.17 24h/20C, 2h/60C	RTM	6041	DD5V2402W
0	3.17 24h/20C, 2h/60C	RTM	6042	DD5V2403W
0	3.17 24h/20C, 2h/60C	RTM	6043	DD5V2404W
0	3.17 24h/20C, 2h/60C	RTM	6045	DD5V2406W
0	3.17 24h/20C, 2h/60C	RTM	6085	DD5V2S1W
0	3.17 24h/20C, 2h/60C	RTM	6086	DD5V2S2W
0	3.17 24h/20C, 2h/60C	RTM	6087	DD5V2S3W
0	3.17 24h/20C, 2h/60C	RTM	6088	DD5V2S4W
0	3.17 24h/20C, 2h/60C	RTM	6097	DD5V2515W
0	3.17 24h/20C, 2h/60C	RTM	6098	DD5V2525W
0	3.17 24h/20C, 2h/60C	RTM	6099	DD5V2535W
0	3.17 24h/20C, 2h/60C	RTM	6100	DD5V2545W
0	3.17 24h/20C, 2h/60C	RTM	6105	DD5V2323
0	3.17 24h/20C, 2h/60C	RTM	6106	DD5V2309
0	3.17 24h/20C, 2h/60C	RTM	6107	DD5V2312
0	3.17 24h/20C, 2h/60C	RTM	6108	DD5V2311
0	3.17 24h/20C, 2h/60C	RTM	6135	DD5V2501W
0	3.17 24h/20C, 2h/60C	RTM	6136	DD5V2502W
0	3.17 24h/20C, 2h/60C	RTM	6137	DD5V2503W
0	3.17 24h/20C, 2h/60C	RTM	6138	DD5V2504W
0	3.17 24h/20C, 2h/60C	RTM	6139	DD5V2505W

0	3.17 24h/20C, 2h/60C	RTM	6140	DD5V2506W
0	3.17 24h/20C, 2h/60C	RTM	6141	DD5V2507W
0	3.17 24h/20C, 2h/60C	RTM	6142	DD5V2508W
0	3.17 24h/20C, 2h/60C	RTM	6143	DD5V2509W
0	3.17 24h/20C, 2h/60C	RTM	6144	DD5V2510W
0	3.17 24h/20C, 2h/60C	RTM	6145	DD5V2511W
0	3.17 24h/20C, 2h/60C	RTM	6146	DD5V2512W
0	3.17 24h/20C, 2h/60C	RTM	6147	DD5V2513W
0	3.17 24h/20C, 2h/60C	RTM	6148	DD5V2514W
0	3.08 24h/20C, 2h/60C	RTM	8820	DD5V3-305
0	3.08 24h/20C, 2h/60C	RTM	8821	DD5V3-306
0	3.08 24h/20C, 2h/60C	RTM	8822	DD5V3-304
0	3.08 24h/20C, 2h/60C	RTM	8823	DD5V3-302
0	3.08 24h/20C, 2h/60C	RTM	8824	DD5V3-303
0	3.08 24h/20C, 2h/60C	RTM	8825	DD5V3-301
0	3.08 24h/20C, 2h/60C	RTM	8826	DD5V3-307
0	3.08 24h/20C, 2h/60C	RTM	8827	DD5V3-300
0	3.08 24h/20C, 2h/60C	RTM	8828	DD5V3-354w
0	3.08 24h/20C, 2h/60C	RTM	8829	DD5V3-359w
0	3.08 24h/20C, 2h/60C	RTM	8830	DD5V3-356w
0	3.08 24h/20C, 2h/60C	RTM	8831	DD5V3-357w
0	3.08 24h/20C, 2h/60C	RTM	8832	DD5V3-350w
0	3.08 24h/20C, 2h/60C	RTM	8833	DD5V3-352w
0	3.08 24h/20C, 2h/60C	RTM	8834	DD5V3-362w
0	3.08 24h/20C, 2h/60C	RTM	8835	DD5V3-355w
0	3.07 24h/20C, 6h/80 C	RTM	8836	DD11E3-319
0	3.07 24h/20C, 6h/80 C	RTM	8837	DD11E3-320
0	3.07 24h/20C, 6h/80 C	RTM	8838	DD11E3-317
0	3.07 24h/20C, 6h/80 C	RTM	8839	DD11E3-318
0	3.07 24h/20C, 6h/80 C	RTM	8840	DD11E3-316
0	3.07 24h/20C, 6h/80 C	RTM	8841	DD11E3-301
0	3.07 24h/20C, 6h/80 C	RTM	8842	DD11E3-302
0	3.07 24h/20C, 6h/80 C	RTM	8843	DD11E3-300
0	3.07 24h/20C, 6h/80 C	RTM	8844	DD11E3-355w
0	3.07 24h/20C, 6h/80 C	RTM	8845	DD11E3-354w
0	3.07 24h/20C, 6h/80 C	RTM	8846	DD11E3-353w
0	3.07 24h/20C, 6h/80 C	RTM	8847	DD11E3-352w
0	3.07 24h/20C, 6h/80 C	RTM	8848	DD11E3-351w
0	3.07 24h/20C, 6h/80 C	RTM	8849	DD11E3-350w
0	3.07 24h/20C, 6h/80 C	RTM	8850	DD11E3-357w
0	3.07 24h/20C, 6h/80 C	RTM	8851	DD11E3-356w
0	3.14 24h/20C, 6h/80 C	RTM	8852	DD5E3-304
0	3.14 24h/20C, 6h/80 C	RTM	8853	DD5E3-305
0	3.14 24h/20C, 6h/80 C	RTM	8854	DD5E3-322
0	3.14 24h/20C, 6h/80 C	RTM	8855	DD5E3-319
0	3.14 24h/20C, 6h/80 C	RTM	8856	DD5E3-320
0	3.14 24h/20C, 6h/80 C	RTM	8857	DD5E3-321
0	3.14 24h/20C, 6h/80 C	RTM	8858	DD5E3-303
0	3.14 24h/20C, 6h/80 C	RTM	8859	DD5E3-323
0	3.14 24h/20C, 6h/80 C	RTM	8860	DD5E3-357w
0	3.14 24h/20C, 6h/80 C	RTM	8861	DD5E3-356w

0	3.14 24h/20C, 6h/80 C	RTM	8862	DD5E3-355w
0	3.14 24h/20C, 6h/80 C	RTM	8863	DD5E3-354w
0	3.14 24h/20C, 6h/80 C	RTM	8864	DD5E3-353w
0	3.14 24h/20C, 6h/80 C	RTM	8865	DD5E3-352w
0	3.14 24h/20C, 6h/80 C	RTM	8866	DD5E3-351w
0	3.14 24h/20C, 6h/80 C	RTM	8867	DD5E3-350w
0	2.84 24h/20C, 6h/80 C	RTM	8868	DD11E4-309
0	2.84 24h/20C, 6h/80 C	RTM	8869	DD11E4-308
0	2.84 24h/20C, 6h/80 C	RTM	8870	DD11E4-307
0	2.84 24h/20C, 6h/80 C	RTM	8871	DD11E4-306
0	2.84 24h/20C, 6h/80 C	RTM	8872	DD11E4-305
0	2.84 24h/20C, 6h/80 C	RTM	8873	DD11E4-304
0	2.84 24h/20C, 6h/80 C	RTM	8874	DD11E4-302
0	2.84 24h/20C, 6h/80 C	RTM	8875	DD11E4-303
0	2.84 24h/20C, 6h/80 C	RTM	8876	DD11E4-360w
0	2.84 24h/20C, 6h/80 C	RTM	8877	DD11E4-361w
0	2.84 24h/20C, 6h/80 C	RTM	8878	DD11E4-362w
0	2.84 24h/20C, 6h/80 C	RTM	8879	DD11E4-363w
0	2.84 24h/20C, 6h/80 C	RTM	8880	DD11E4-364w
0	2.84 24h/20C, 6h/80 C	RTM	8881	DD11E4-365w
0	2.84 24h/20C, 6h/80 C	RTM	8882	DD11E4-366w
0	2.84 24h/20C, 6h/80 C	RTM	8883	DD11E4-367w
0	3.2 14 h/50C, 2 h/85C	RTM	8884	DD5E4-307
0	3.2 14 h/50C, 2 h/85C	RTM	8885	DD5E4-306
0	3.2 14 h/50C, 2 h/85C	RTM	8886	DD5E4-305
0	3.2 14 h/50C, 2 h/85C	RTM	8887	DD5E4-302
0	3.2 14 h/50C, 2 h/85C	RTM	8888	DD5E4-303
0	3.2 14 h/50C, 2 h/85C	RTM	8889	DD5E4-304
0	3.2 14 h/50C, 2 h/85C	RTM	8890	DD5E4-311
0	3.2 14 h/50C, 2 h/85C	RTM	8891	DD5E4-300
0	3.2 14 h/50C, 2 h/85C	RTM	8892	DD5E4-377w
0	3.2 14 h/50C, 2 h/85C	RTM	8893	DD5E4-376w
0	3.2 14 h/50C, 2 h/85C	RTM	8894	DD5E4-375w
0	3.2 14 h/50C, 2 h/85C	RTM	8895	DD5E4-374w
0	3.2 14 h/50C, 2 h/85C	RTM	8896	DD5E4-373w
0	3.2 14 h/50C, 2 h/85C	RTM	8897	DD5E4-372w
0	3.2 14 h/50C, 2 h/85C	RTM	8898	DD5E4-371w
0	3.2 14 h/50C, 2 h/85C	RTM	8899	DD5E4-370w

Max. Stress, MPa	Min. Stress, MPa	R-value	Freq., Hz	E, GPa	Max. % Str	Min. % St
161		static	1.27 mm/s			
167		static	1.27 mm/s			
162		static	1.27 mm/s			
271		static	1.27 mm/s			
284		static	1.27 mm/s			
278		static	1.27 mm/s			
56		static	1.27 mm/s			
61		static	1.27 mm/s			
59		static	1.27 mm/s			
118		static	1.27 mm/s			
139		static	1.27 mm/s			
141		static	1.27 mm/s			
71		static	1.27 mm/s			
69		static	1.27 mm/s			
69		static	1.27 mm/s			
48		static	1.27 mm/s			
57		static	1.27 mm/s			
53		static	1.27 mm/s			
217		static	1.27 mm/s			
202		static	1.27 mm/s			
223		static	1.27 mm/s			
397		static	1.27 mm/s			
412		static	1.27 mm/s			
413		static	1.27 mm/s			
76		static	1.27 mm/s			
79		static	1.27 mm/s			
72		static	1.27 mm/s			
155		static	1.27 mm/s			
151		static	1.27 mm/s			
150		static	1.27 mm/s			
157		static	1.27 mm/s			
79		static	1.27 mm/s			
82		static	1.27 mm/s			
81		static	1.27 mm/s			
82		static	1.27 mm/s			
70		static	1.27 mm/s			
69		static	1.27 mm/s			
68		static	1.27 mm/s			
66		static	1.27 mm/s			
324		static	1.52 mm/s			1.5
341		static	1.52 mm/s			1.6
332		static	1.52 mm/s			1.5
346		static	1.52 mm/s			1.6

332		static	1.52 mm/s		1.5
435		static	1.52 mm/s		1.9
474		static	1.52 mm/s		2.2
507		static	1.52 mm/s		2.2
433		static	1.52 mm/s		1.9
470		static	1.52 mm/s		2.2
307		static	1.52 mm/s		1.2
271		static	1.52 mm/s		1.1
289		static	1.52 mm/s		1.2
339		static	1.52 mm/s		1.5
341		static	1.52 mm/s		1.4
347		static	1.52 mm/s		1.4
371		static	1.52 mm/s		1.5
359		static	1.52 mm/s		1.6
281		static	1.52 mm/s		1.2
371		static	1.52 mm/s		1.4
69.0	6.89	0.1	1.5	14.8	0.52
51.7	5.17	0.1	3	15.5	0.34
51.7	5.17	0.1	3	18.5	0.30
51.7	5.17	0.1	3	16.9	0.32
60.3	6.03	0.1	2	17.7	0.38
60.3	6.03	0.1	2	16.2	0.40
60.3	6.03	0.1	2	16.6	0.39
69.0	6.89	0.1	1.5	16.2	0.48
69.0	6.89	0.1	1.5	15.8	0.46
69.0	6.89	0.1	1.5	18.2	0.43
69.0	6.89	0.1	1.5	19.1	0.42
69.0	6.89	0.1	1.5	17.9	0.44
69.0	6.89	0.1	1.5	16.7	0.46
60.3	6.03	0.1	1.5	18.8	0.36
60.3	6.03	0.1	2	19.0	0.35
60.3	6.03	0.1	3	17.0	0.38
82.7	8.27	0.1	1	16.1	0.62
82.7	8.27	0.1	1	17.2	0.59
82.7	8.27	0.1	1	18.1	0.56
51.7	5.17	0.1	3	16.6	0.29
29.3	2.93	0.1	1.5	11.2	1.63
29.3	2.93	0.1	1.5	10.9	1.58
29.3	2.93	0.1	1.5	10.1	1.46
31.0	3.10	0.1	1.5	9.8	1.42
34.5	3.45	0.1	1.5	9.9	1.43
27.6	2.76	0.1	3	10.3	1.50
27.6	2.76	0.1	3	10.1	1.46
27.6	2.76	0.1	3	10.5	1.53
20.7	2.07	0.1	3	10.3	1.50
51.7	5.17	0.1	3	11.8	1.71

82.9		static 0.0254 mm/s		14.5	3.00	
82.8		static 0.0254 mm/s		14.1	4.70	
82.1		static 0.0254 mm/s		13.7	5.00	
79.3	7.93	0.1	1		0.79	0.170
79.3	7.93	0.1	1		0.82	0.110
79.3	7.93	0.1	1		0.79	0.120
69.0	6.90	0.1	2		0.50	0.040
69.0	6.90	0.1	2		0.83	0.130
69.0	6.90	0.1	1		0.89	0.190
69.0	6.90	0.1	2		0.79	0.040
69.0	6.90	0.1	1		0.82	0.140
69.0	6.90	0.1	2			
69.0	6.90	0.1	2	17.1		
69.0	6.90	0.1	3			
69.0	6.90	0.1	2			
69.0	6.90	0.1	3			
69.0	6.90	0.1	3			
69.0	6.90	0.1	2	15.2		
69.0	6.90	0.1	3			
60.3	6.30	0.1	2		0.70	0.120
60.3	6.03	0.1	2		0.68	0.100
60.3	6.03	0.1	2		0.64	0.100
60.3	6.03	0.1	1		0.54	0.070
60.3	6.03	0.1	1		0.59	0.100
60.3	6.03	0.1	2			
51.7	5.17	0.1	3			
51.7	5.17	0.1	5			
51.7	5.17	0.1	5			
51.7	5.17	0.1	3		0.55	0.070
51.7	5.17	0.1	2		0.55	0.060
51.7	5.17	0.1	3		0.56	0.060
51.7	5.17	0.1	2		0.41	0.050
44.8	4.48	0.1	4		0.45	0.040
44.8	4.48	0.1	4	14.5	0.47	0.040
44.8	4.48	0.1	4	14.3	0.46	0.050
41.4	4.14	0.1	4	14.8	0.46	0.050

-662 0.0254 mm/s
 -703 0.0254 mm/s
 -639 0.0254 mm/s
 -662 0.0254 mm/s
 -782 0.0254 mm/s
 -718 0.0254 mm/s
 -509 0.0254 mm/s
 -338 0.0254 mm/s
 -448 0.0254 mm/s
 -419 0.0254 mm/s
 -407 0.0254 mm/s
 -472 0.0254 mm/s

837	0.0254 mm/s	43.6	2.03
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884		0.0254 mm/s	42.5	2.19
890		0.0254 mm/s	46.0	2.03
834		0.0254 mm/s	43.9	1.94
970		0.0254 mm/s	44.9	2.30
621	62.1	1	45.4	1.41
621	62.1	1	39.5	1.58
483	48.3	1.5		
483	48.3	1.5		
483	48.3	1.5		
207	20.7	3		
207	20.7	3		
207	20.7	3		
276	27.6	2.5		
276	27.6	2.5		
345	34.5	2		
345	34.5	2		
345	34.5	1.5		
481		0.0254 mm/s	41.2	1.18
527		0.0254 mm/s	45.5	1.21
493		0.0254 mm/s	46.9	1.09
493		0.0254 mm/s	45.0	1.12
457		0.0254 mm/s	43.0	1.06
414	41.1	1		
414	41.1	1		
345	34.5	1.5		
345	34.5	1.5		
345	34.5	1.5		
241	24.1	2		
241	24.1	2		
241	24.1	2		
241	24.1	2		
276	27.6	1.5	44.3	0.63
276	27.6	2.5		
207	20.7	3		
207	20.7	3		
207	20.7	3		
	-780	0.0254 mm/s		
	-850	0.0254 mm/s		
	-749	0.0254 mm/s		
	-828	0.0254 mm/s		
	-703	0.0254 mm/s		
	-870	0.0254 mm/s		
	-605	0.0254 mm/s		
	-579	0.0254 mm/s		
	-726	0.0254 mm/s		

	-679	0.0254 mm/s		
	-626	0.0254 mm/s		
	-712	0.0254 mm/s		
791		0.0254 mm/s	45.8	1.81
730		0.0254 mm/s	45.3	1.63
748		0.0254 mm/s	49.4	1.60
742		0.0254 mm/s	45.2	1.69
872		0.0254 mm/s	45.8	1.96
621	62.1	1		
621	62.1	1		
483	48.3	1		
483	48.3	1		
483	48.3	1	46.2	1.12
345	34.5	2		
345	34.5	2		
345	34.5	2		
276	27.6	2.5		
276	27.6	2		
276	27.6	2		
207	20.7	3		
207	20.7	3		
745		0.0254 mm/s	43.6	1.80
588		0.0254 mm/s	47.2	1.29
766		0.0254 mm/s	47.1	1.67
670		0.0254 mm/s	51.0	1.33
686		0.0254 mm/s	44.1	1.58
621	62.1	1		
621	62.1	1		
621	62.1	1		
483	48.3	1.5		
483	48.3	1.5		
483	48.3	1.5		
414	41.4	1.5		
414	41.4	1.5		
414	41.4	1.5		
276	27.6	2.5		
276	27.6	3		
276	27.6	2.5		
241	24.1	3		
241	24.1	3		
734		static 0.0254 mm/s	34.8	2.2
744		static 0.0254 mm/s	32.9	2.3
711		static 0.0254 mm/s	32.6	2.3
700		static 0.0254 mm/s	30.7	2.4

668		static 0.0254 mm/s	31	2.2	
703		static 0.0254 mm/s	33.4	2.2	
729		static 0.0254 mm/s	35.4	2.2	
676		static 0.0254 mm/s	41.4	2.2	
654		static 0.0254 mm/s	31.8	2.1	
690		static 0.0254 mm/s	31.9	2.3	
748		static 0.0254 mm/s	33.1	2.5	
719		static 0.0254 mm/s	31.5	2.5	
780		static 0.0254 mm/s	32.6	2.6	
680		static 0.0254 mm/s	30.6	2.5	
707		static 0.0254 mm/s	26.3	2.3	
775		static 0.0254 mm/s	33.3	2.4	
707		static 0.0254 mm/s	30.1	2.6	
607		static 0.0254 mm/s	30.9	2.1	
760		static 0.0254 mm/s	33.4	2.5	
747		static 0.0254 mm/s	33.8	2.4	
	-714	static 0.0254 mm/s			-1.62
	-667	static 0.0254 mm/s			-1.51
	-670	static 0.0254 mm/s			-1.52
	-686	static 0.0254 mm/s			-1.55
	-657	static 0.0254 mm/s			-1.49
	-738	static 0.0254 mm/s			-1.67
	-618	static 0.0254 mm/s			-1.40
	-669	static 0.0254 mm/s			-1.51
	-645	static 0.0254 mm/s			-1.46
	-636	static 0.0254 mm/s			-1.44
	-698	static 0.0254 mm/s			-1.58
	-706	static 0.0254 mm/s			-1.60
	-677	static 0.0254 mm/s			-1.53
	-789	static 0.0254 mm/s			-1.79
	-774	static 0.0254 mm/s			-1.75
	-750	static 0.0254 mm/s			-1.70
	-717	static 0.0254 mm/s			-1.62
	-730	static 0.0254 mm/s			-1.65
	-726	static 0.0254 mm/s			-1.64
	-662	static 0.0254 mm/s			-1.50
55.4		static 0.0254 mm/s	14.6	0.38	
55.4		static 0.0254 mm/s	14.2	0.39	
51.9		static 0.0254 mm/s	15.0	0.35	
57.4		static 0.0254 mm/s	15.2	0.38	
54.6		static 0.0254 mm/s	13.2	0.41	
52.3		static 0.0254 mm/s	14.3	0.37	
54.2		static 0.0254 mm/s	14.0	0.39	
58.4		static 0.0254 mm/s	15.0	0.39	
59.6		static 0.0254 mm/s	15.4	0.39	
55.3		static 0.0254 mm/s	14.5	0.38	
56.1		static 0.0254 mm/s	13.8	0.41	
60.2		static 0.0254 mm/s	13.7	0.44	
61.7		static 0.0254 mm/s	15.2	0.41	
56.0		static 0.0254 mm/s	14.6	0.38	
65.0		static 0.0254 mm/s	13.6	0.48	
52.6		static 0.0254 mm/s	14.4	0.37	
63.2		static 0.0254 mm/s	14.5	0.44	
55.2		static 0.0254 mm/s	15.2	0.36	

58.9		static 0.0254 mm/s	14.6	0.40	
56.5		static 0.0254 mm/s	14.4	0.39	
	-163	static 0.0254 mm/s			-1.12
	-154	static 0.0254 mm/s			-1.06
	-161	static 0.0254 mm/s			-1.11
	-167	static 0.0254 mm/s			-1.15
	-164	static 0.0254 mm/s			-1.13
	-167	static 0.0254 mm/s			-1.15
	-159	static 0.0254 mm/s			-1.10
	-174	static 0.0254 mm/s			-1.20
	-154	static 0.0254 mm/s			-1.07
	-167	static 0.0254 mm/s			-1.15
	-178	static 0.0254 mm/s			-1.23
	-172	static 0.0254 mm/s			-1.19
	-170	static 0.0254 mm/s			-1.17
	-177	static 0.0254 mm/s			-1.23
	-163	static 0.0254 mm/s			-1.13
	-168	static 0.0254 mm/s			-1.16
	-163	static 0.0254 mm/s			-1.13
	-163	static 0.0254 mm/s			-1.13
	-162	static 0.0254 mm/s			-1.12
	-175	static 0.0254 mm/s			-1.21
972		static 0.0254 mm/s	44.8	2.5	
1006		static 0.0254 mm/s	43.3	2.7	
982		static 0.0254 mm/s	44.3	2.7	
1047		static 0.0254 mm/s	45.0	2.8	
993		static 0.0254 mm/s	43.9	2.5	
795		static 0.0254 mm/s	45.5	2.1	
758		static 0.0254 mm/s	43.6	2.1	
764		static 0.0254 mm/s	41.9	2.2	
849		static 0.0254 mm/s	43.2	2.1	
825		static 0.0254 mm/s	43.2	2.2	
	-671	static 0.0254 mm/s			
	-661	static 0.0254 mm/s			
	-693	static 0.0254 mm/s			
	-702	static 0.0254 mm/s			
	-643	static 0.0254 mm/s			
	-577	static 0.0254 mm/s			
	-561	static 0.0254 mm/s			
	-579	static 0.0254 mm/s			
	-619	static 0.0254 mm/s			
	-748	static 0.0254 mm/s			
68.1		static 0.0254 mm/s	14.3	2.7	
52.5		static 0.0254 mm/s	16.4	1.1	
63.1		static 0.0254 mm/s	15.2	2	
57.3		static 0.0254 mm/s	15.3	0.6	
59.1		static 0.0254 mm/s	15.4	1.6	
58.8		static 0.0254 mm/s	15.4	1.1	
57.0		static 0.0254 mm/s	13.9	1.5	
59.1		static 0.0254 mm/s	14.8	1.4	
56.5		static 0.0254 mm/s	14.5	1.5	
58.7		static 0.0254 mm/s	14.1	1.8	
	-124	static 0.0254 mm/s			

	-178	static 0.0254 mm/s		
	-173	static 0.0254 mm/s		
	-172	static 0.0254 mm/s		
	-168	static 0.0254 mm/s		
	-141	static 0.0254 mm/s		
	-151	static 0.0254 mm/s		
	-157	static 0.0254 mm/s		
	-152	static 0.0254 mm/s		
	-145	static 0.0254 mm/s		
964		static 0.0254 mm/s	44.0	2.4
940		static 0.0254 mm/s	42.7	2.3
1009		static 0.0254 mm/s	45.6	2.4
972		static 0.0254 mm/s	45.0	2.4
888		static 0.0254 mm/s	43.2	2.3
718		static 0.0254 mm/s	42.2	1.8
699		static 0.0254 mm/s	41.8	1.7
699		static 0.0254 mm/s	43.5	1.8
694		static 0.0254 mm/s	42.3	1.8
715		static 0.0254 mm/s	41.9	1.9
	-522	static 0.0254 mm/s		
	-487	static 0.0254 mm/s		
	-593	static 0.0254 mm/s		
	-526	static 0.0254 mm/s		
	-563	static 0.0254 mm/s		
	-448	static 0.0254 mm/s		
	-436	static 0.0254 mm/s		
	-443	static 0.0254 mm/s		
	-455	static 0.0254 mm/s		
	-507	static 0.0254 mm/s		
55.2		static 0.0254 mm/s	12.8	3.3
55.0		static 0.0254 mm/s	13.8	1.5
57.6		static 0.0254 mm/s	13.2	1.6
56.5		static 0.0254 mm/s	14.0	1.5
53.8		static 0.0254 mm/s	13.5	1.7
53.7		static 0.0254 mm/s	13.6	2.6
53.3		static 0.0254 mm/s	12.6	2.9
62.3		static 0.0254 mm/s	12.9	3.0
56.8		static 0.0254 mm/s	12.7	2.7
57.9		static 0.0254 mm/s	11.8	2.7
	-149	static 0.0254 mm/s		
	-145	static 0.0254 mm/s		
	-139	static 0.0254 mm/s		
	-155	static 0.0254 mm/s		
	-160	static 0.0254 mm/s		
	-114	static 0.0254 mm/s		
	-122	static 0.0254 mm/s		
	-120	static 0.0254 mm/s		
	-130	static 0.0254 mm/s		
	-113	static 0.0254 mm/s		
1083		static 0.0254 mm/s	44.7	2.9
995		static 0.0254 mm/s	40.6	2.7
1058		static 0.0254 mm/s	41.9	2.8
1026		static 0.0254 mm/s	45.3	2.6
1083		static 0.0254 mm/s	45.4	2.8

873		static 0.0254 mm/s		42.1	2.4
887		static 0.0254 mm/s		40.0	2.5
847		static 0.0254 mm/s		41.5	2.3
867		static 0.0254 mm/s		42.7	2.4
835		static 0.0254 mm/s		42.1	2.3
	-757	static 0.0254 mm/s			
	-786	static 0.0254 mm/s			
	-691	static 0.0254 mm/s			
	-666	static 0.0254 mm/s			
	-724	static 0.0254 mm/s			
	-581	static 0.0254 mm/s			
	-610	static 0.0254 mm/s			
	-577	static 0.0254 mm/s			
	-683	static 0.0254 mm/s			
	-613	static 0.0254 mm/s			
62.4		static 0.0254 mm/s		17.7	2.3
57.6		static 0.0254 mm/s		17.7	1.5
59.8		static 0.0254 mm/s		17.8	0.85
63.0		static 0.0254 mm/s		17.7	1.2
58.6		static 0.0254 mm/s		16.2	0.8
53.1		static 0.0254 mm/s		12.3	2.2
60.4		static 0.0254 mm/s		14.9	1.4
54.6		static 0.0254 mm/s		15.5	1.2
58.5		static 0.0254 mm/s		14.2	1.6
53.6		static 0.0254 mm/s		14.6	1.8
	-211	static 0.0254 mm/s			
	-211	static 0.0254 mm/s			
	-216	static 0.0254 mm/s			
	-212	static 0.0254 mm/s			
	-210	static 0.0254 mm/s			
	-190	static 0.0254 mm/s			
	-202	static 0.0254 mm/s			
	-189	static 0.0254 mm/s			
	-179	static 0.0254 mm/s			
	-176	static 0.0254 mm/s			
483	48.3	0.1	2	41.1	1.21
483	48.3	0.1	2	40.8	1.2
483	48.3	0.1	2	41.5	1.21
414	41.4	0.1	3	39.7	1.05
414	41.4	0.1	3	42.1	1.04
414	41.4	0.1	3	42.3	1.04
345	34.5	0.1	3	43.8	0.79
345	34.5	0.1	3	44.1	0.79
345	34.5	0.1	3	44.0	0.79
310	31.0	0.1	3	38.9	0.79
379	37.9	0.1	2	43.5	0.87
379	37.9	0.1	2	44.5	0.86
345	34.5	0.1	3	43.2	0.80
345	34.5	0.1	3	43.5	0.80
345	34.5	0.1	3	42.7	0.81
276	27.6	0.1	3	41.0	0.69
483	48.3	0.1	2	42.1	1.16
483	48.3	0.1	2	40.7	1.19

621	62.1	0.1	1		1.39
621	62.1	0.1	1	44.5	1.39
621	62.1	0.1	1		1.39
483	48.3	0.1	2		1.15
483	48.3	0.1	2	42.1	1.15
483	48.3	0.1	2		1.15
345	34.5	0.1	3	41.3	0.82
345	34.5	0.1	3	41.6	0.81
345	34.5	0.1	3	43.1	0.78
310	31	0.1	3	41.2	0.75
345	34.5	0.1	3	40.5	0.86
483	48.3	0.1	2	40.6	1.18
621	62.1	0.1	1	39.0	1.59
621	62.1	0.1	1	39.1	1.64
621	62.1	0.1	1	41.8	1.48
345	34.5	0.1	3	42.4	0.80
345	34.5	0.1	3	42.4	0.80
483	48.3	0.1	2	39.9	1.21
483	48.3	0.1	2	41.7	1.16
948		static 0.0254 mm/s		41.8	2.4
1044		static 0.0254 mm/s		40.3	2.6
893		static 0.0254 mm/s		39.2	2.64
1042		static 0.0254 mm/s		42.7	2.44
1067		static 0.0254 mm/s		42.7	2.55
981		static 0.0254 mm/s		43.6	2.25
902		static 0.0254 mm/s		39.9	2.54
948		static 0.0254 mm/s		42.3	2.24
945		static 0.0254 mm/s		40.7	2.32
939		static 0.0254 mm/s		43.9	2.14
1014		static 0.0254 mm/s		40.5	2.74
989		static 0.0254 mm/s		44.7	2.29
914		static 0.0254 mm/s		40.6	2.56
925		static 0.0254 mm/s		40.8	2.45
920		static 0.0254 mm/s		41.6	2.33
933		static 0.0254 mm/s		39.7	2.93
959		static 0.0254 mm/s		44.2	2.25
883		static 0.0254 mm/s		41.4	2.4
914		static 0.0254 mm/s		43.2	2.2
873		static 0.0254 mm/s		40.6	2.77
904		static 0.0254 mm/s		40.8	2.35
893		static 0.0254 mm/s		40.0	2.23
905		static 0.0254 mm/s		42.4	2.36
857		static 0.0254 mm/s		39.9	2.23
865		static 0.0254 mm/s		41.7	2.25
854		static 0.0254 mm/s		42.3	2.04
893		static 0.0254 mm/s		40.2	2.43
868		static 0.0254 mm/s		40.2	2.16
842		static 0.0254 mm/s		44.5	1.97
857		static 0.0254 mm/s		41.0	2.34
926		static 0.0254 mm/s		38.8	2.6
973		static 0.0254 mm/s		40.0	2.51
943		static 0.0254 mm/s		38.9	2.55

914		static	0.0254 mm/s	40.5	2.42
918		static	0.0254 mm/s	40.1	2.57
764		static	0.0254 mm/s	39.9	2.13
805		static	0.0254 mm/s	41.4	1.95
836		static	0.0254 mm/s	41.3	2.09
756		static	0.0254 mm/s	42.7	1.99
868		static	0.0254 mm/s	42.3	2.18
827		static	0.0254 mm/s	39.0	2.31
932		static	0.0254 mm/s	39.0	2.41
862		static	0.0254 mm/s	39.6	2.35
915		static	0.0254 mm/s	38.3	2.64
949		static	0.0254 mm/s	38.9	2.5
763		static	0.0254 mm/s	41.0	1.94
834		static	0.0254 mm/s	44.3	1.88
730		static	0.0254 mm/s	41.7	1.75
815		static	0.0254 mm/s	41.0	2.33
800		static	0.0254 mm/s	41.3	2.46
911		static	0.0254 mm/s	41.3	2.64
830		static	0.0254 mm/s	39.1	2.17
851		static	0.0254 mm/s	39.5	2.65
842		static	0.0254 mm/s	41.4	2.24
868		static	0.0254 mm/s	39.7	2.63
751		static	0.0254 mm/s	40.3	2.34
748		static	0.0254 mm/s	39.8	2.56
741		static	0.0254 mm/s	41.1	1.87
681		static	0.0254 mm/s	39.4	1.81
736		static	0.0254 mm/s	42.1	1.75

2073		static	0.0254 mm/s	124	1.54
2089		static	0.0254 mm/s	122	1.55
2051		static	0.0254 mm/s	124	1.57
1994		static	0.0254 mm/s	122	1.6
2014		static	0.0254 mm/s	123	1.58
1508	151	0.1	2	121	1.26
1471	147	0.1	2	125	1.18
1526	153	0.1	2	121	1.26
1522	152	0.1	3	119	1.24
1500	150	0.1	2	119	1.25
1569	157	0.1	2	121	1.22
1500	150	0.1	2	119	1.24
1568	157	0.1	2	120	1.25
1523	152	0.1	2	120	1.25
1764	176	0.1	1	119	1.43
1894	189	0.1	1	123	1.51
1800	180	0.1	1	126	1.43
1799	180	0.1	1	118	1.43
1758	176	0.1	1	121	1.42
1765	177	0.1	1	121	1.41
1586	159	0.1	3	121	1.3
1627	163	0.1	3	120	1.32
1627	163	0.1	3	121	1.32
1872		static	0.0254 mm/s	121	1.48
2022		static	0.0254 mm/s	122	1.57

2038		static	0.0254 mm/s	124	1.59
1942		static	0.0254 mm/s	126	1.5
2090		static	0.0254 mm/s	125	1.61
1654	165	0.1	3	126	1.32
1617	162	0.1	2	123	1.27
1626	163	0.1	1	124	1.3
1550	155	0.1	3	125	1.21
1551	155	0.1	3	123	1.24
1549	155	0.1	3	123	1.23
1516	152	0.1	3	125	1.18
1522	152	0.1	3	126	1.19
1516	152	0.1	3	125	1.18
1447	145	0.1	3	121	1.19
1551	155	0.1	3	123	1.16
1413	141	0.1	3	123	1.11
1412	141	0.1	3	119	1.15
1413	141	0.1	3	122	1.12
1482	148	0.1	3	121	1.21
1654	165	0.1	1	121	1.37
1653	165	0.1	1	121	1.39
1620	162	0.1	1	126	1.22
1483	148	0.1	3	125	1.16
	-658		0.0254 mm/s	59.6	-1.23
	-702		0.0254 mm/s	62.4	-1.25
	-590		0.0254 mm/s	60.9	-1.1
	-591		0.0254 mm/s	61.3	-1.01
	-585		0.0254 mm/s	60.9	-1.04
	-552		2		
	-586		2		
	-586		2		
	-552		4		
	-586		1		
	-586		2		
	-586		2		
	-621		2		
	-683		0.0254 mm/s		
	-655		1		
	-667		0.0254 mm/s		
	-655		1		
	-648		1		
	-641		1		
	-634		1		
	-634		1		
	-634		1		
	-621		1		
	-674		0.0254 mm/s	60.5	-1.25
	-639		0.0254 mm/s	62.2	-1.09
	-557		0.0254 mm/s	64.3	-0.92
	-603		0.0254 mm/s	62.5	-1.04
	-684		0.0254 mm/s	62.1	-1.17
	-586		1		
	-586		1		
	-586		1		

-572	1
-552	2
-641	1
-621	1
-586	1
-586	2
-586	2
-572	2
-552	2
-552	2
-552	2
-621	1
-552	2
-635	0.0254 mm/s
-642	0.0254 mm/s
-650	0.0254 mm/s
-534	4

1174		static	0.0254 mm/s	77.9	1.38
1092		static	0.0254 mm/s	75.2	1.38
1131		static	0.0254 mm/s	78.6	1.34
1240		static	0.0254 mm/s	75.8	1.5
1087		static	0.0254 mm/s	71	1.42
1034	103	0.1	1	81	1.24
1000	100	0.1	1	74.5	1.32
1000	100	0.1	1.3	79.9	1.22
1000	100	0.1	1.3	75.2	1.27
1000	100	0.1	1.3	84.8	1.18
965	96.5	0.1	1.5	88.2	1.09
1000	100	0.1	1.3	86.2	1.14
965	96.5	0.1	1.5	81	1.18
965	96.5	0.1	1.5	82.1	1.17
1069	107	0.1	0.5	82.5	1.29
1051	105	0.1	0.5	83.6	1.24
1051	105	0.1	0.5	78.7	1.3
948	94.8	0.1	3	81.5	1.07
1051	105	0.1	1	82.5	1.27
1051	105	0.1	0.5	83.8	1.26
1051	105	0.1	0.5	77.4	1.32
1292		static	0.0254 mm/s	78	1.61
1254		static	0.0254 mm/s	80	1.47
1166		static	0.0254 mm/s	76.6	1.45
1273		static	0.0254 mm/s	76.7	1.5
965	96.5	0.1	1.5	83.8	1.14
965	96.5	0.1	1.5	81.8	1.11
965	96.5	0.1	1.5	82.3	1.16
965	96.5	0.1	1.5	86.5	1.1
1000	100	0.1	1.5	78.9	1.27
1000	100	0.1	1	81.6	1.21
1000	100	0.1	1	84.1	1.18
1000	100	0.1	1	80	1.25
1051	105	0.1	0.5	82.2	1.28
1051	105	0.1	0.5	86.9	1.22
1051	105	0.1	0.5	80.3	1.31

1051	105	0.1	0.5	84.8	1.24
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Max. Shear Stress

Min. Shear Stress

45.6		static	0.0254 mm/s
48.2		static	0.0254 mm/s
43.9		static	0.0254 mm/s
55.8		static	0.0254 mm/s
50.1		static	0.0254 mm/s
62.4		static	0.0254 mm/s
41.4	4.1	0.1	1
41.4	4.1	0.1	1
41.4	4.1	0.1	1
41.4	4.1	0.1	1
41.4	4.1	0.1	1
34.5	3.5	0.1	2
34.5	3.5	0.1	2
34.5	3.5	0.1	2
41.4	4.1	0.1	1
31	3.1	0.1	3
31	3.1	0.1	3
31	3.1	0.1	3
41.4	4.1	0.1	1
34.5	3.5	0.1	2
34.5	3.5	0.1	2
34.5	3.5	0.1	2
31	3.1	0.1	2
45.1		static	
52.7		static	
47.2		static	
27.6		0.1	2
27.6		0.1	2
27.6		0.1	2
31		0.1	2
31		0.1	2
27.6		0.1	2
20.7		0.1	2
27.6		0.1	2
27.6		0.1	2
27.6		0.1	2
-37.9		static	0.0254 mm/s
-34.8		static	0.0254 mm/s
-37.8		static	0.0254 mm/s
20.3		static	0.0254 mm/s
22.8		static	0.0254 mm/s
24		static	0.0254 mm/s
22.4		static	0.0254 mm/s
21.5		static	0.0254 mm/s
21.1		static	0.0254 mm/s
14.5		static	0.0254 mm/s
15.1		static	0.0254 mm/s
16.1		static	0.0254 mm/s
8.1	0.81	0.1	2
8.1	0.81	0.1	2

6.8	0.68	0.1	3
6.87	0.69	0.1	3
5.79	0.58	0.1	3
5.14	0.51	0.1	4
4.32	0.43	0.1	5
7.98	0.8	0.1	1
8.46	-8.46	-1	1
7.94	-7.94	-1	1
6.13	-6.13	-1	2
4.99	-4.99	-1	2
4.8	-4.8	-1	2
4.86	-4.86	-1	2
8.07	-8.07	-1	1
6.27	-6.27	-1	1
3.42	-3.42	-1	4
20.4	-20.4	10	4
20.8	-20.8	10	4
-27.6	-2.8	10	1
-1.3	-13.4	10	2
-2.8	-27.9	10	1
-1.7	-16.7	10	2
11.6	static	0.0254 mm/s	
13.1	static	0.0254 mm/s	
10.5	static	0.0254 mm/s	
	-20.7 static	0.0254 mm/s	
	-20.5 static	0.0254 mm/s	
	-20.5 static	0.0254 mm/s	
5.09	0.51	0.1	4
5.39	0.54	0.1	4
4.84	0.48	0.1	4
8.17	0.82	0.1	1
8.18	0.82	0.1	1
8.45	0.85	0.1	1
8.44	0.84	0.1	1
6.22	0.62	0.1	2
6.07	0.61	0.1	2
6.12	0.61	0.1	2
4.16	0.42	0.1	5
4.22	0.42	0.1	5
3.55	-3.55	-1	3
3.44	-3.44	-1	3
3.52	-3.52	-1	3
6.36	-6.36	-1	1.5
6.12	-6.12	-1	1.5
6.23	-6.23	-1	1.5
2.7	-2.7	-1	5
4.66	-4.66	-1	2
4.49	-4.49	-1	2

489		static 0.0254 mm/s	23.4	
495		static 0.0254 mm/s	22.9	
477		static 0.0254 mm/s	21.9	
517		static 0.0254 mm/s	22.7	
496		static 0.0254 mm/s	23.5	
460		static 0.0254 mm/s	22	
482		static 0.0254 mm/s	23.5	
497		static 0.0254 mm/s	23.9	
422		static 0.0254 mm/s	19.9	
432		static 0.0254 mm/s	22.2	
403		static 0.0254 mm/s	20.5	
434		static 0.0254 mm/s	20.3	
441		static 0.0254 mm/s	21.2	
455		static 0.0254 mm/s	23	
444		static 0.0254 mm/s	20.6	
442		static 0.0254 mm/s	22.7	
411		static 0.0254 mm/s	20.2	
409		static 0.0254 mm/s	22.2	
387		static 0.0254 mm/s	22.5	
401		static 0.0254 mm/s	20.8	
390		static 0.0254 mm/s	21.4	
392		static 0.0254 mm/s	21.3	
383		static 0.0254 mm/s	21.1	
	-604	static 13 mm/s		
	-634	static 13 mm/s		
	-641	static 13 mm/s		
	-522	static 13 mm/s		
	-591	static 13 mm/s		
	-580	static 13 mm/s		
	-455	static 13 mm/s		
	-480	static 13 mm/s		
	-437	static 13 mm/s		
	-348	static 13 mm/s		
	-388	static 13 mm/s		
	-405	static 13 mm/s		
	-327	static 13 mm/s		
	-341	static 13 mm/s		
	-334	static 13 mm/s		
	-306	static 13 mm/s		
	-307	static 13 mm/s		
	-317	static 13 mm/s		
	-266	static 13 mm/s		
	-277	static 13 mm/s		
	-268	static 13 mm/s		
	-240	static 13 mm/s		
	-243	static 13 mm/s		
	-243	static 13 mm/s		
78.7		static 0.0254 mm/s	8.9	
75		static 0.0254 mm/s	9.6	
68.5		static 0.0254 mm/s	9.3	
68.2		static 0.0254 mm/s	10.7	2.26
75.2		static 0.0254 mm/s	10.5	3.14
77.8		static 0.0254 mm/s	10.1	3.51

86	static 0.0254 mm/s	8.3	
84.7	static 0.0254 mm/s	8.8	
85.1	static 0.0254 mm/s	8.3	
84.1	static 0.0254 mm/s	6.1	
84	static 0.0254 mm/s	6	
81.1	static 0.0254 mm/s	6.3	
70.8	static 0.0254 mm/s	4.7	
72.3	static 0.0254 mm/s	5.3	
70.6	static 0.0254 mm/s	3.8	
56.4	static 0.0254 mm/s	7.3	
55.8	static 0.0254 mm/s	7.1	
56.3	static 0.0254 mm/s	7	
77.2	static 0.0254 mm/s	8.94	2.95
71.9	static 0.0254 mm/s	8.68	2.78
75.8	static 0.0254 mm/s	9.02	2.79
59.2	static 0.0254 mm/s	6.1	
58.5	static 0.0254 mm/s	6.2	
59.2	static 0.0254 mm/s	5.8	
53.1	static 0.0254 mm/s	5.4	
54.2	static 0.0254 mm/s	5.4	
53.8	static 0.0254 mm/s	5.4	
47.2	static 0.0254 mm/s	3.8	
48.5	static 0.0254 mm/s	3.7	
50.9	static 0.0254 mm/s	3.4	
111	static 0.0254 mm/s	10.2	
115	static 0.0254 mm/s	11.3	
111	static 0.0254 mm/s	11.3	
108	static 0.0254 mm/s	8.9	
105	static 0.0254 mm/s	10.1	
108	static 0.0254 mm/s	9.2	
91.5	static 0.0254 mm/s	7.6	
90.3	static 0.0254 mm/s	7.7	
88.9	static 0.0254 mm/s	7.3	
72.8	static 0.0254 mm/s	5.1	
72.4	static 0.0254 mm/s	4.9	
72.9	static 0.0254 mm/s	5.4	
65.8	static 0.0254 mm/s	7.6	
69.4	static 0.0254 mm/s	7.7	
66.6	static 0.0254 mm/s	7.5	
68.5	static 0.0254 mm/s	6.1	
69.2	static 0.0254 mm/s	7.1	
64.6	static 0.0254 mm/s	6.2	
58.7	static 0.0254 mm/s	5.4	
59.6	static 0.0254 mm/s	5.1	
61.2	static 0.0254 mm/s	5.5	
43.5	static 0.0254 mm/s	3	
45.1	static 0.0254 mm/s	3.3	
46.2	static 0.0254 mm/s	3	
599	static 0.0254 mm/s	27	
525	static 0.0254 mm/s	25.6	
621	static 0.0254 mm/s	25.9	
546	static 0.0254 mm/s	24.6	

518		static 0.0254 mm/s	25.4
595		static 0.0254 mm/s	25.2
546		static 0.0254 mm/s	25.6
558		static 0.0254 mm/s	25.4
562		static 0.0254 mm/s	24.5
463		static 0.0254 mm/s	30
538		static 0.0254 mm/s	27.9
502		static 0.0254 mm/s	23.2
445		static 0.0254 mm/s	24.3
441		static 0.0254 mm/s	25.9
417		static 0.0254 mm/s	23.3
413		static 0.0254 mm/s	25.9
434		static 0.0254 mm/s	25
409		static 0.0254 mm/s	26.3
405		static 0.0254 mm/s	25.9
384		static 0.0254 mm/s	25.1
383		static 0.0254 mm/s	23.9
378		static 0.0254 mm/s	25.5
381		static 0.0254 mm/s	26.4
380		static 0.0254 mm/s	24.1
	-555	static 13 mm/s	
	-509	static 13 mm/s	
	-594	static 13 mm/s	
	-505	static 13 mm/s	
	-513	static 13 mm/s	
	-504	static 13 mm/s	
	-438	static 13 mm/s	
	-447	static 13 mm/s	
	-492	static 13 mm/s	
	-445	static 13 mm/s	
	-453	static 13 mm/s	
	-447	static 13 mm/s	
	-519	static 13 mm/s	
	-536	static 13 mm/s	
	-508	static 13 mm/s	
	-522	static 13 mm/s	
	-514	static 13 mm/s	
	-505	static 13 mm/s	
	-516	static 13 mm/s	
	-477	static 13 mm/s	
	-486	static 13 mm/s	
	-455	static 13 mm/s	
	-475	static 13 mm/s	
	-494	static 13 mm/s	
56.9		static 0.0254 mm/s	11.1
56.2		static 0.0254 mm/s	11.7
54.8		static 0.0254 mm/s	12.4
61.5		static 0.0254 mm/s	10.9
62.3		static 0.0254 mm/s	10.3
63.3		static 0.0254 mm/s	10.8
63.2		static 0.0254 mm/s	6.9
61.5		static 0.0254 mm/s	7.1
61.5		static 0.0254 mm/s	7.3

60.4	static 0.0254 mm/s	6.6	
52.6	static 0.0254 mm/s	6	
56.4	static 0.0254 mm/s	6.4	
57.6	static 0.0254 mm/s	9.3	4.39
54.8	static 0.0254 mm/s	9.2	4.92
56.6	static 0.0254 mm/s	9.5	4.01
51.1	static 0.0254 mm/s	8.6	
51.4	static 0.0254 mm/s	8.2	
50.9	static 0.0254 mm/s	8.5	
56	static 0.0254 mm/s	8.5	
55.5	static 0.0254 mm/s	8.2	
50.9	static 0.0254 mm/s	8.4	
48.4	static 0.0254 mm/s	8.1	
52.1	static 0.0254 mm/s	7.9	
52.1	static 0.0254 mm/s	8.2	
52.6	static 0.0254 mm/s	7.3	
52	static 0.0254 mm/s	7.5	
50.1	static 0.0254 mm/s	7.2	
140	static 0.0254 mm/s	11	
133	static 0.0254 mm/s	10.8	
130	static 0.0254 mm/s	10.9	
121	static 0.0254 mm/s	10.5	
121	static 0.0254 mm/s	10.6	
123	static 0.0254 mm/s	9.8	
112	static 0.0254 mm/s	9.8	
116	static 0.0254 mm/s	9.6	
117	static 0.0254 mm/s	10	
103	static 0.0254 mm/s	9.7	
100	static 0.0254 mm/s	8.5	
100	static 0.0254 mm/s	8.9	
135	static 0.0254 mm/s	11.4	
135	static 0.0254 mm/s	11.4	
133	static 0.0254 mm/s	10.2	
129	static 0.0254 mm/s		
125	static 0.0254 mm/s	9.7	
127	static 0.0254 mm/s	9.5	
110	static 0.0254 mm/s	9	
119	static 0.0254 mm/s	9.2	
121	static 0.0254 mm/s	10.3	
110	static 0.0254 mm/s	9.2	
112	static 0.0254 mm/s	9.2	
112	static 0.0254 mm/s	9.3	
696	static 0.0254 mm/s	26.6	
727	static 0.0254 mm/s	28	
648	static 0.0254 mm/s	24.6	
561	static 0.0254 mm/s	25.1	
603	static 0.0254 mm/s	25.3	
572	static 0.0254 mm/s	25.8	
584	static 0.0254 mm/s	24.2	
548	static 0.0254 mm/s	27	
578	static 0.0254 mm/s	23.5	
570	static 0.0254 mm/s	23.5	

569		static 0.0254 mm/s	23.4	
595		static 0.0254 mm/s	24.8	
569		static 0.0254 mm/s	25	
437		static 0.0254 mm/s	23.9	
454		static 0.0254 mm/s	24.3	
426		static 0.0254 mm/s	23.6	
428		static 0.0254 mm/s	25.4	
434		static 0.0254 mm/s	23.3	
396		static 0.0254 mm/s	23.5	
404		static 0.0254 mm/s	25.5	
408		static 0.0254 mm/s	23.8	
362		static 0.0254 mm/s	22.1	
351		static 0.0254 mm/s	21.8	
357		static 0.0254 mm/s	23.1	
	-563	static 13 mm/s		
	-508	static 13 mm/s		
	-532	static 13 mm/s		
	-511	static 13 mm/s		
	-555	static 13 mm/s		
	-537	static 13 mm/s		
	-492	static 13 mm/s		
	-464	static 13 mm/s		
	-480	static 13 mm/s		
	-414	static 13 mm/s		
	-406	static 13 mm/s		
	-424	static 13 mm/s		
	-454	static 13 mm/s		
	-456	static 13 mm/s		
	-462	static 13 mm/s		
	-428	static 13 mm/s		
	-334	static 13 mm/s		
	-412	static 13 mm/s		
	-318	static 13 mm/s		
	-371	static 13 mm/s		
	-368	static 13 mm/s		
	-375	static 13 mm/s		
	-293	static 13 mm/s		
	-349	static 13 mm/s		
86.6		static 0.0254 mm/s	9.1	
92.4		static 0.0254 mm/s	9.5	
91.8		static 0.0254 mm/s	8.8	
97		static 0.0254 mm/s	8.7	
89.7		static 0.0254 mm/s	8.4	
92.1		static 0.0254 mm/s	8.2	
93.4		static 0.0254 mm/s	7.9	
93.1		static 0.0254 mm/s	7.6	
88.3		static 0.0254 mm/s	7.7	
100		static 0.0254 mm/s	7.6	
93.4		static 0.0254 mm/s	7.4	
90.1		static 0.0254 mm/s	7.6	
109		static 0.0254 mm/s	9.4	3.21
121		static 0.0254 mm/s	9.5	4.73
104		static 0.0254 mm/s	9.4	3.45

76.2	static 0.0254 mm/s	8.6
70.1	static 0.0254 mm/s	8.2
69.9	static 0.0254 mm/s	7.8
73.9	static 0.0254 mm/s	7.5
68.3	static 0.0254 mm/s	7.1
76.9	static 0.0254 mm/s	7.1
68.1	static 0.0254 mm/s	6.3
66.1	static 0.0254 mm/s	6.8
71.1	static 0.0254 mm/s	6.3
66.8	static 0.0254 mm/s	5.2
67.3	static 0.0254 mm/s	5.1
70.4	static 0.0254 mm/s	5.5
92	static 0.0254 mm/s	9.6
87.6	static 0.0254 mm/s	9.2
92.7	static 0.0254 mm/s	8.8
85.9	static 0.0254 mm/s	8.6
84	static 0.0254 mm/s	7.4
85.1	static 0.0254 mm/s	7.7
75.7	static 0.0254 mm/s	6.4
79.9	static 0.0254 mm/s	7.1
74.7	static 0.0254 mm/s	6.9
64.2	static 0.0254 mm/s	6.4
73.6	static 0.0254 mm/s	6.7
64.9	static 0.0254 mm/s	5.7
93.1	static 0.0254 mm/s	8.1
81.4	static 0.0254 mm/s	7.8
89	static 0.0254 mm/s	8.2
84	static 0.0254 mm/s	7.2
73.7	static 0.0254 mm/s	6.8
75.4	static 0.0254 mm/s	6.5
66.4	static 0.0254 mm/s	6.1
67.6	static 0.0254 mm/s	6
65	static 0.0254 mm/s	5.7
55	static 0.0254 mm/s	4
51.9	static 0.0254 mm/s	3.8
49.5	static 0.0254 mm/s	3.5
698	static 0.0254 mm/s	24.9
684	static 0.0254 mm/s	25.1
539	static 0.0254 mm/s	23.9
480	static 0.0254 mm/s	22.9
471	static 0.0254 mm/s	24
550	static 0.0254 mm/s	24.4
532	static 0.0254 mm/s	24.4
656	static 0.0254 mm/s	23.6
588	static 0.0254 mm/s	24.1
556	static 0.0254 mm/s	23.5
536	static 0.0254 mm/s	22.5
550	static 0.0254 mm/s	22.3
461	static 0.0254 mm/s	25.6
463	static 0.0254 mm/s	25.1
472	static 0.0254 mm/s	24.3
443	static 0.0254 mm/s	24.6

435	static 0.0254 mm/s	23.6
436	static 0.0254 mm/s	24.8
423	static 0.0254 mm/s	23.9
419	static 0.0254 mm/s	24.9
413	static 0.0254 mm/s	26.2
379	static 0.0254 mm/s	23.8
397	static 0.0254 mm/s	24.2
393	static 0.0254 mm/s	24.4

-600	static 13 mm/s
-569	static 13 mm/s
-611	static 13 mm/s
-494	static 13 mm/s
-478	static 13 mm/s
-470	static 13 mm/s
-464	static 13 mm/s
-444	static 13 mm/s
-455	static 13 mm/s
-445	static 13 mm/s
-444	static 13 mm/s
-449	static 13 mm/s
-521	static 13 mm/s
-492	static 13 mm/s
-513	static 13 mm/s
-487	static 13 mm/s
-502	static 13 mm/s
-450	static 13 mm/s
-431	static 13 mm/s
-466	static 13 mm/s
-465	static 13 mm/s
-414	static 13 mm/s
-435	static 13 mm/s
-388	static 13 mm/s

79.5	static 0.0254 mm/s	12.8	
82.8	static 0.0254 mm/s	12.3	
82	static 0.0254 mm/s	13	
87.2	static 0.0254 mm/s	11	
82.6	static 0.0254 mm/s	10.7	
62.6	static 0.0254 mm/s	10.4	
80.5	static 0.0254 mm/s	8.3	
89.4	static 0.0254 mm/s	8.2	
83.1	static 0.0254 mm/s	7.9	
58.3	static 0.0254 mm/s	6.2	
59.3	static 0.0254 mm/s	6.2	
57.6	static 0.0254 mm/s	6.2	
62.7	static 0.0254 mm/s	8.6	3.7
62.9	static 0.0254 mm/s	8.3	4.4
63.3	static 0.0254 mm/s	8.1	4.2
47.5	static 0.0254 mm/s	8.4	
48.4	static 0.0254 mm/s	8.5	
49.5	static 0.0254 mm/s	8.3	
51.3	static 0.0254 mm/s	8.3	
49.5	static 0.0254 mm/s	7.4	
49.7	static 0.0254 mm/s	8	

49.2	static 0.0254 mm/s	7.3
53.1	static 0.0254 mm/s	7.3
45.7	static 0.0254 mm/s	7.4
53.4	static 0.0254 mm/s	6.6
51.2	static 0.0254 mm/s	7
52	static 0.0254 mm/s	6.8
122	static 0.0254 mm/s	9.7
134	static 0.0254 mm/s	10.4
125	static 0.0254 mm/s	10.8
118	static 0.0254 mm/s	9
117	static 0.0254 mm/s	9.6
116	static 0.0254 mm/s	9.3
113	static 0.0254 mm/s	8.7
114	static 0.0254 mm/s	8.6
113	static 0.0254 mm/s	8.5
100	static 0.0254 mm/s	7.4
104	static 0.0254 mm/s	7.8
103	static 0.0254 mm/s	7.3
115	static 0.0254 mm/s	10.3
115	static 0.0254 mm/s	10.1
116	static 0.0254 mm/s	10.3
108	static 0.0254 mm/s	9.6
112	static 0.0254 mm/s	10.1
110	static 0.0254 mm/s	9.7
102	static 0.0254 mm/s	9.1
102	static 0.0254 mm/s	9.4
101	static 0.0254 mm/s	9.4
95	static 0.0254 mm/s	8
88	static 0.0254 mm/s	7.3
94	static 0.0254 mm/s	7.8
694	static 0.0254 mm/s	24.9
652	static 0.0254 mm/s	23.8
557	static 0.0254 mm/s	23.9
656	static 0.0254 mm/s	23.9
578	static 0.0254 mm/s	25.3
646	static 0.0254 mm/s	25
629	static 0.0254 mm/s	23.8
607	static 0.0254 mm/s	24
660	static 0.0254 mm/s	24.2
601	static 0.0254 mm/s	24.2
529	static 0.0254 mm/s	23.5
601	static 0.0254 mm/s	23
582	static 0.0254 mm/s	26.6
635	static 0.0254 mm/s	24.1
531	static 0.0254 mm/s	25.5
618	static 0.0254 mm/s	25
628	static 0.0254 mm/s	25
609	static 0.0254 mm/s	24.9
599	static 0.0254 mm/s	25.2
618	static 0.0254 mm/s	25
557	static 0.0254 mm/s	22.8
553	static 0.0254 mm/s	24.4

541		static 0.0254 mm/s	23
	-531	static 13 mm/s	
	-574	static 13 mm/s	
	-626	static 13 mm/s	
	-559	static 13 mm/s	
	-525	static 13 mm/s	
	-569	static 13 mm/s	
	-545	static 13 mm/s	
	-536	static 13 mm/s	
	-540	static 13 mm/s	
	-494	static 13 mm/s	
	-500	static 13 mm/s	
	-494	static 13 mm/s	
	-595	static 13 mm/s	
	-583	static 13 mm/s	
	-547	static 13 mm/s	
	-534	static 13 mm/s	
	-495	static 13 mm/s	
	-580	static 13 mm/s	
	-476	static 13 mm/s	
	-514	static 13 mm/s	
	-539	static 13 mm/s	
	-480	static 13 mm/s	
	-499	static 13 mm/s	
	-509	static 13 mm/s	
67.8		static 0.0254 mm/s	9.2
68.4		static 0.0254 mm/s	9
64.8		static 0.0254 mm/s	9.3
71.7		static 0.0254 mm/s	8.3
68.5		static 0.0254 mm/s	8.8
68.1		static 0.0254 mm/s	8.3
64.4		static 0.0254 mm/s	7.7
69.9		static 0.0254 mm/s	7.9
68.8		static 0.0254 mm/s	7.9
69.1		static 0.0254 mm/s	7.4
71.7		static 0.0254 mm/s	7.2
70.3		static 0.0254 mm/s	7.4
64.8		static 0.0254 mm/s	9.4
68.8		static 0.0254 mm/s	9.7
66.6		static 0.0254 mm/s	9.1
66.6		static 0.0254 mm/s	9
69		static 0.0254 mm/s	9.1
70.8		static 0.0254 mm/s	9
67.9		static 0.0254 mm/s	8.5
66.3		static 0.0254 mm/s	8.9
61.6		static 0.0254 mm/s	8.4
64.6		static 0.0254 mm/s	7.6
66.2		static 0.0254 mm/s	7.6
67.7		static 0.0254 mm/s	7.1
133		static 0.0254 mm/s	11.5
135		static 0.0254 mm/s	12.3
132		static 0.0254 mm/s	11.2

124	static 0.0254 mm/s	11.5
127	static 0.0254 mm/s	10.7
128	static 0.0254 mm/s	10
116	static 0.0254 mm/s	10.1
116	static 0.0254 mm/s	10.2
114	static 0.0254 mm/s	10
93.2	static 0.0254 mm/s	8.9
93.2	static 0.0254 mm/s	9.6
100	static 0.0254 mm/s	8.8
131	static 0.0254 mm/s	11.9
125	static 0.0254 mm/s	12
132	static 0.0254 mm/s	12.1
124	static 0.0254 mm/s	11.3
126	static 0.0254 mm/s	10.8
122	static 0.0254 mm/s	10.5
114	static 0.0254 mm/s	10
107	static 0.0254 mm/s	9.9
110	static 0.0254 mm/s	9.2
94.8	static 0.0254 mm/s	7.7
96.8	static 0.0254 mm/s	7.5
102	static 0.0254 mm/s	8.9

-497	static 13 mm/s
-565	static 13 mm/s
-532	static 13 mm/s
-476	static 13 mm/s
-274	static 13 mm/s
-302	static 13 mm/s
-211	static 13 mm/s
-272	static 13 mm/s
-492	static 13 mm/s
-529	static 13 mm/s
-533	static 13 mm/s
-509	static 13 mm/s
-239	static 13 mm/s
-334	static 13 mm/s
-272	static 13 mm/s
-205	static 13 mm/s
-665	static 13 mm/s
-464	static 13 mm/s
-517	static 13 mm/s
-464	static 13 mm/s
-250	static 13 mm/s
-314	static 13 mm/s
-288	static 13 mm/s
-295	static 13 mm/s
-519	static 13 mm/s
-486	static 13 mm/s
-452	static 13 mm/s
-471	static 13 mm/s
-519	static 13 mm/s
-474	static 13 mm/s
-420	static 13 mm/s
-213	static 13 mm/s

-211	static 13 mm/s
-260	static 13 mm/s
-191	static 13 mm/s
-509	static 13 mm/s
-404	static 13 mm/s
-621	static 13 mm/s
-283	static 13 mm/s
-261	static 13 mm/s
-279	static 13 mm/s
-560	static 13 mm/s
-568	static 13 mm/s
-539	static 13 mm/s
-218	static 13 mm/s
-307	static 13 mm/s
-300	static 13 mm/s
-405	static 13 mm/s
-393	static 13 mm/s
-473	static 13 mm/s
-413	static 13 mm/s
-352	static 13 mm/s
-414	static 13 mm/s
-423	static 13 mm/s
-423	static 13 mm/s
-228	static 13 mm/s
-267	static 13 mm/s
-240	static 13 mm/s
-224	static 13 mm/s
-176	static 13 mm/s
-125	static 13 mm/s
-216	static 13 mm/s
-179	static 13 mm/s
-442	static 13 mm/s
-406	static 13 mm/s
-404	static 13 mm/s
-366	static 13 mm/s
-163	static 13 mm/s
-215	static 13 mm/s
-229	static 13 mm/s
-203	static 13 mm/s
-377	static 13 mm/s
-332	static 13 mm/s
-309	static 13 mm/s
-375	static 13 mm/s
-132	static 13 mm/s
-154	static 13 mm/s
-188	static 13 mm/s
-225	static 13 mm/s
-448	static 13 mm/s
-361	static 13 mm/s
-434	static 13 mm/s
-583	static 13 mm/s
-532	static 13 mm/s
-559	static 13 mm/s
-516	static 13 mm/s

	-468	static 13 mm/s			
	-542	static 13 mm/s			
	-430	static 13 mm/s			
	-405	static 13 mm/s			
	-250	static 13 mm/s			
	-283	static 13 mm/s			
	-298	static 13 mm/s			
	-222	static 13 mm/s			
	-249	static 13 mm/s			
	-251	static 13 mm/s			
	-270	static 13 mm/s			
	-232	static 13 mm/s			
	-264	static 13 mm/s			
	-233	static 13 mm/s			
310	31	0.1	3	21.6	1.62
310	31	0.1	3	20.8	1.64
310	31	0.1	3	21.1	1.52
710		static 13 mm/s		19.5	3.6
730		static 13 mm/s		22.3	3.3
742		static 13 mm/s		22.3	3.4
414	41.4	0.1	2	22.1	2.21
414	41.4	0.1	2	22	2.03
414	41.4	0.1	2	21.5	1.86
241	24.1	0.1	5		
310	31.0	0.1	3	20	1.42
241	24.1	0.1	5	20.6	1.19
241	24.1	0.1	5	20.8	1.22
310	31.0	0.1	3	21.3	1.51
310	31.0	0.1	3	20	1.54
693		static 13 mm/s		21.6	
688		static 13 mm/s		22	
734		static 13 mm/s		21	
-34.5	-345	10	1		
-426		static 13 mm/s			
-384		static 13 mm/s			
-401		static 13 mm/s			
-381		static 13 mm/s			
-27.6	-276	10	2		
-20.7	-207	10	2		
-20.7	-207	10	5		
-20.7	-207	10	5		
-16.5	-165	10	8		
-16.5	-165	10	10		
-16.5	-165	10	10		
-34.5	-345	10	1		
-20.7	-207	10	5		
-20.7	-207	10	5		
-20.7	-207	10	5		
-27.6	-276	10	4		
-27.6	-276	10	5		
-27.6	-276	10	5		
	-508	static 13 mm/s			
	-488	static 13 mm/s			

	-500	static 13 mm/s	
-16.5	-165	10	8
-37.9	-379	10	5
-34.5	-345	10	5
-34.5	-345	10	5
-34.5	-345	10	10
	-651	static 13 mm/s	
	-578	static 13 mm/s	
	-661	static 13 mm/s	
	-632	static 13 mm/s	
	-523	static 13 mm/s	
	-542	static 13 mm/s	
	-539	static 13 mm/s	
	-527	static 13 mm/s	
-27.6	-276	10	5
-31.0	-310	10	3
-27.6	-276	10	5
-31.0	-310	10	3
-31.0	-310	10	3
-27.6	-276	10	5
-24.1	-241	10	8
-24.1	-241	10	10
-24.1	-241	10	10
	-625	static 13 mm/s	
	-651	static 13 mm/s	
	-676	static 13 mm/s	
	-658	static 13 mm/s	
-30.0	-300	10	8
-30.0	-300	10	8
-30.0	-300	10	8
-13.8	-138	10	8
-13.8	-138	10	8
-13.8	-138	10	8
-16.5	-165	10	7
-16.5	-165	10	7
-16.5	-165	10	7
	-633	static 13 mm/s	
	-605	static 13 mm/s	
	-605	static 13 mm/s	
	-600	static 13 mm/s	
-41.4	-414	10	4
-41.4	-414	10	4
-41.4	-414	10	5
-37.9	-379	10	5
-37.9	-379	10	7
-37.9	-379	10	5
	-552	static 13 mm/s	
	-592	static 13 mm/s	
	-624	static 13 mm/s	
	-574	static 13 mm/s	
-41.4	-414	10	2
-41.4	-414	10	2
-34.5	-345	10	4

-34.5	-345	10	8
-41.4	-414	10	8
-34.5	-345	10	7
	-567	static 13 mm/s	
	-524	static 13 mm/s	
	-561	static 13 mm/s	
	-545	static 13 mm/s	
	-507	static 13 mm/s	
	-531	static 13 mm/s	
	-518	static 13 mm/s	
	-547	static 13 mm/s	
-37.9	-379	10	3
-34.5	-345	10	6
-37.9	-379	10	2
-37.9	-379	10	2
-37.9	-379	10	2
-36.2	-362	10	5
-36.2	-362	10	5
-36.2	-362	10	4
-34.5	-345	10	6
-34.5	-345	10	5
-36.2	-362	10	4
-32.8	-328	10	7
-32.8	-328	10	5
-31.0	-310	10	10
-31.0	-310	10	8
-29.3	-293	10	8
-27.6	-276	10	8
-27.6	-276	10	8
	-573	static 13 mm/s	
	-537	static 13 mm/s	
	-563	static 13 mm/s	
	-576	static 13 mm/s	
-31.0	-310	10	8
-41.4	-414	10	2
-37.9	-379	10	4
-37.9	-379	10	4
-37.9	-379	10	4
-34.5	-345	10	6
-34.5	-345	10	6
-34.5	-345	10	6
-31.0	-310	10	7
-31.0	-310	10	10
-34.5	-345	10	5
-34.5	-345	10	6
-34.5	-345	10	6
-37.9	-379	10	4
-37.9	-379	10	5
-37.9	-379	10	5
-41.4	-414	10	2
-41.4	-414	10	2
-41.4	-414	10	2
	-583	static 13 mm/s	

	-583	static 13 mm/s	
	-567	static 13 mm/s	
	-552	static 13 mm/s	
	-506	static 13 mm/s	
	-550	static 13 mm/s	
	-485	static 13 mm/s	
	-486	static 13 mm/s	
	-526	static 13 mm/s	
	-348	static 13 mm/s	
	-513	static 13 mm/s	
	-461	static 13 mm/s	
-34.5	-345	10	1
-31.0	-310	10	1
-34.5	-345	10	1
-31.0	-310	10	1
-34.5	-345	10	1
-31.0	-310	10	1
-37.9	-379	10	1
-37.9	-379	10	1
-37.9	-379	10	1
	-548	static 13 mm/s	
	-526	static 13 mm/s	
	-552	static 13 mm/s	
	-549	static 13 mm/s	
-37.9	-379	10	5
-37.9	-379	10	5
-34.5	-345	10	5
-37.9	-379	10	5
-34.5	-345	10	8
-34.5	-345	10	8
-34.5	-345	10	3
-34.5	-345	10	4
-31.0	-310	10	5
-34.5	-345	10	5
-31.0	-310	10	6
-31.0	-310	10	7
	-559	static 13 mm/s	
	-565	static 13 mm/s	
	-562	static 13 mm/s	
	-551	static 13 mm/s	
	-500	static 13 mm/s	
	-535	static 13 mm/s	
	-493	static 13 mm/s	
	-497	static 13 mm/s	
	-537	static 13 mm/s	
	-494	static 13 mm/s	
	-504	static 13 mm/s	
	-473	static 13 mm/s	
-37.9	-379	10	1
-37.9	-379	10	1
-31.0	-310	10	5
-31.0	-310	10	5
-27.6	-276	10	5

-27.6	-276	10	5
-27.6	-276	10	8
-31.0	-310	10	2
-31.0	-310	10	2
-37.9	-379	10	1
-25.9	-259	10	8
-37.9	-379	10	1
-37.9	-379	10	1
-37.9	-379	10	1

-612	static 13 mm/s
-590	static 13 mm/s
-533	static 13 mm/s
-629	static 13 mm/s
-519	static 13 mm/s
-594	static 13 mm/s
-562	static 13 mm/s
-588	static 13 mm/s
-591	static 13 mm/s
-547	static 13 mm/s
-546	static 13 mm/s
-595	static 13 mm/s
-567	static 13 mm/s
-614	static 13 mm/s
-605	static 13 mm/s
-610	static 13 mm/s

-314	static 13 mm/s
-281	static 13 mm/s
-288	static 13 mm/s
-269	static 13 mm/s
-215	static 13 mm/s
-213	static 13 mm/s
-208	static 13 mm/s
-225	static 13 mm/s
-118	static 13 mm/s
-118	static 13 mm/s
-142	static 13 mm/s
-135	static 13 mm/s
-284	static 13 mm/s
-214	static 13 mm/s
-243	static 13 mm/s
-217	static 13 mm/s

-642	static 13 mm/s
-608	static 13 mm/s
-645	static 13 mm/s
-595	static 13 mm/s
-561	static 13 mm/s
-563	static 13 mm/s
-537	static 13 mm/s
-516	static 13 mm/s
-364	static 13 mm/s
-383	static 13 mm/s

-391	static 13 mm/s
-337	static 13 mm/s
-519	static 13 mm/s
-503	static 13 mm/s
-471	static 13 mm/s
-483	static 13 mm/s

-267	static 13 mm/s
-255	static 13 mm/s
-281	static 13 mm/s
-228	static 13 mm/s
-289	static 13 mm/s
-299	static 13 mm/s
-312	static 13 mm/s
-309	static 13 mm/s
-201	static 13 mm/s
-205	static 13 mm/s
-181	static 13 mm/s
-285	static 13 mm/s
-348	static 13 mm/s
-250	static 13 mm/s
-298	static 13 mm/s
-292	static 13 mm/s

-560	static 13 mm/s
-659	static 13 mm/s
-649	static 13 mm/s
-625	static 13 mm/s
-556	static 13 mm/s
-570	static 13 mm/s
-539	static 13 mm/s
-546	static 13 mm/s
-317	static 13 mm/s
-401	static 13 mm/s
-316	static 13 mm/s
-290	static 13 mm/s
-471	static 13 mm/s
-548	static 13 mm/s
-505	static 13 mm/s
-521	static 13 mm/s

Cycles	Runout	Cycles for 50% strain increase	Cycles for 100% strain increase
		0.71% moisture by weight	
		0.71% moisture by weight	
		0.71% moisture by weight	
		0.64% moisture by weight	
		0.64% moisture by weight	
		0.64% moisture by weight	
		0.80% moisture by weight	
		0.80% moisture by weight	
		0.80% moisture by weight	
		0.74% moisture by weight	
		0.74% moisture by weight	
		0.74% moisture by weight	
		0.74% moisture by weight	
		0.74% moisture by weight	
		0.74% moisture by weight	
		0.74% moisture by weight	
		0.74% moisture by weight	
		0.71% moisture by weight	
		0.71% moisture by weight	
		0.71% moisture by weight	
		0.64% moisture by weight	
		0.64% moisture by weight	
		0.64% moisture by weight	
		0.80% moisture by weight	
		0.80% moisture by weight	
		0.80% moisture by weight	
		0.52% moisture by weight	
		0.72% moisture by weight	
		0.51% moisture by weight	
		0.51% moisture by weight	

0.49% moisture by weight

0.50% moisture by weight

0.45% moisture by weight

0.43% moisture by weight

0.49% moisture by weight

0.42% moisture by weight

0.70% moisture by weight

0.71% moisture by weight

0.71% moisture by weight

0.66% moisture by weight

0.67% moisture by weight

0.64% moisture by weight

0.64% moisture by weight

0.67% moisture by weight

0.71% moisture by weight

0.63% moisture by weight

7,883	3000	
995,305	727000	
1,527,225	1900000	
1,584,293	507000	
172,453	39000	105000
150,426	50000	111000
173,189	63000	
13,177	3800	
7,608	3500	
153,720	71000	
146,719	87000	
240,563	86000	196000
126,477	65000	
394,172	510000	
663,587	820000	
716,483	631000	
2,300	1500	
5,971	580	5900
6,173	1000	
7,000,000	6125012	
22,500	54000	279639
25,300	56000	126947
22,500	49000	67182
6,200	13500	32580
2,500	4200	26897
42,000	115000	250519
31,000	90000	268213
45,000	137000	236328
1,746,000	6000000	3893562
14	19	45

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618	92	280
551	83	188
814	74	230
11,814	3100	3900
10,667	2470	4350
3,415	280	1300
8,068	500	2300
17,005	2930	5950
3,584		
2,997		
9,465		
5,401		
19,958		
11,065		
12,919		
13,264		
42,837	6000	12000
72,752	22800	35000
129,011	38000	63000
15,302	2000	8200
14,145	310	5500
26,535		
361,457		
470,933		
673,875		
663,301	420000	530000
415,413	125000	230000
809,747	324000	518000
645,655	230000	360000
8,040,170	8000000	
3,986,449	3600000	
5,119,285	3800000	4900000
8,000,000	8000000	

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97074
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163
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51704
72149
24932
954013
81562
326376
6000000 Runout
1347375
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46
19
69
846
1446
472
24664
11263
10292
513012
109743
223105
451893
2447785

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[illegible]

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8,029
7,499
7,265
38,759
38,029
62,568
77,452
145,869
197,768
242,093
66,651
39,439
184,044
229,146
357,212
1,301,913
10,351
7,945

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3822
1352
256
379612
12728
4573
48039
12575
5463
14037
7548
543245
76179
965121
93711
3741
629
17144
1541251

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896270
1780
21351 runout
5000000 runout
608921
1301
962124
20512
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90908
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33614
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934

1201
8056
3
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236909
6972
3352
260626
12101
742
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83220
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17589
6622
167138
88162
36064
841538
376294
280056
127413
171
10686
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1794745
384
64150
22624
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164465
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57801
192999
13188
35026
188064
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6520

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417

8887

180857

32918

421714

11779

285619

1250000 runout

3550000 runout

9776

44153

4968

51713

906709

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63309

16915

2721

43230

8980

9024

4000000 runout

29726

87282

175344

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108094
80858
196872
478998
3421986
5642
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46369
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14040
1177627
185030
102065
2995
175000 runout
5032
1500000 runout
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170610
153761
103032
967
170
1815
2053
20681
12814
24939
492899
767523
231315
139301
208986
4303
5595
2422
1315489
32479
41356



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178,431
233,742
246,075
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4,207
3,614
1,132
2,145,373
17,971
1,733,316
2,033,339
45,534
35,346
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16
1
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1,410
37,673
44,469
54,737
190,729
342,905
141,564
130
124,290
173,669
482,504
98,038
74,728
49,636
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1,109,352
48,127
164,214
288,708
198,403
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333,063
16,432
836,080
27,564
22,185
637,232
2,680,397
3,830,537
2,878,393
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1,649,390
1,134,606
3,668,551
1,033,796
803,542
1,613,405
857,946
1,342,208
506,222

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42,269
114,581
98,665
1,606,325
268,662
113,712
1
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4,640
23,953
403,790

305,627
290,137
341,327
1
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4,511
342,487
940
1,169
3,719
8,886
11,943
3,212
108,682
50,688
10,095
50,204
126,010
145,133
131,655
389,941
118,715
4,771,884

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5,861,932
5,144
155,965
55,556
68,683
495,336
318,116
1,573,249
2,214,422
4,484,198
3,189,655
1,225,419
699,399
107,281
631,735
72,852
7,754
33,452
2,625
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11,488
929,383
58,219
1,033,946
75,412
361,247
8,974
8,456
3,746

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37,911
83,282
2,990,932
38,458
92,551
95,007
36,356
109,166
267,627
26,901
738,698
4,298,318
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512
163
39,410
7,982
754,430

876,228
416,277
118,792
166,097
203
5,983,320
798
28,466
19,548

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Cycles for 25% reduction in Modulus Cycles for 1% strain

110000
116000

217000

42000
40000
38000
11000
4000
92000
73000
125000
6000000
15

51	40
60	12
53	16
3500	3300
4390	210
1600	7
3900	540
6280	140

16000	4000
37000	23000
61000	49000
8500	7000
4000	1400

540000	510000
250000	230000
520000	525000
425000	415000
8000000	8020000
3000000	
4800000	5118726
8000000	

Testing Temperature, °C

Notes

Notes

Notes

Coupon failure

[illegible]

20 °C	tested only to 5% max strain
20 °C	tested only to 5% max strain
20 °C	tested only to 5% max strain
20 °C	
20 °C	
20 °C	
20 °C	
20 °C	
20 °C	
20 °C	
20 °C	Failure
20 °C	Failure
20 °C	Failure
20 °C	Failure
20 °C	Failure
20 °C	Failure
20 °C	Failure
20 °C	
20 °C	
20 °C	
20 °C	
20 °C	Failure
20 °C	Failure
20 °C	Failure
20 °C	Failure
20 °C	
20 °C	
20 °C	
20 °C	
20 °C	
20 °C	
20 °C	
20 °C	0.56% moisture, tested at 20C
20 °C	0.56% moisture, tested at 20C
20 °C	0.56% moisture, tested at 20C
20 °C	0.56% moisture, tested at 20C
20 °C	0.56% moisture, tested at 20C
20 °C	0.56% moisture, tested at 20C
20 °C	
20 °C	

[illegible]

20 °C
20 °C
20 °C
20 °C
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20 °C
20 °C
20 °C

[illegible][illegible]

20 °C	0.32% (salt water spray)
20 °C	0.31% (salt water spray)
20 °C	0.30% (salt water spray)
20 °C	0.32% (salt water spray)

[illegible]

20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	0.28% (salt water spray)
20 °C	0.29% (salt water spray)
20 °C	0.29% (salt water spray)
20 °C	0.29% (salt water spray)
20 °C	0.29% (salt water spray)
20 °C	0.27% (salt water spray)
20 °C	0.29% (salt water spray)
20 °C	0.30% (salt water spray)
20 °C	0.29% (salt water spray)
20 °C	0.29% (salt water spray)
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
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20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	0.86% (seawater)
20 °C	0.86% (seawater)
20 °C	0.86% (seawater)
20 °C	0.86% (seawater)
20 °C	0.86% (seawater)
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	0.47% (seawater)
20 °C	0.47% (seawater)
20 °C	0.47% (seawater)
20 °C	0.47% (seawater) Stress at First Cracking, MPa
20 °C	0.47% (seawater) First Crack, %
20 °C	Unconditioned control 41.8 0.37
20 °C	Unconditioned control 41.7 0.39
20 °C	Unconditioned control 48.4 0.39
20 °C	Unconditioned control 47.6 0.34
20 °C	Unconditioned control 45 0.33
20 °C	0.47% (seawater) 45.1 0.34
20 °C	0.47% (seawater) 40.7 0.41
20 °C	0.47% (seawater) 46 0.39
20 °C	0.47% (seawater) 42.4 0.42
20 °C	0.47% (seawater) 42.6 0.39
20 °C	Unconditioned control

20 °C	Unconditioned control		
20 °C	Unconditioned control		
20 °C	Unconditioned control		
20 °C	Unconditioned control		
20 °C	0.47% (seawater)		
20 °C	0.47% (seawater)		
20 °C	0.47% (seawater)		
20 °C	0.47% (seawater)		
20 °C	0.47% (seawater)		
40 °C	Unconditioned control		
40 °C	Unconditioned control		
40 °C	Unconditioned control		
40 °C	Unconditioned control		
40 °C	Unconditioned control		
40 °C	0.86% (seawater)		
40 °C	0.86% (seawater)		
40 °C	0.86% (seawater)		
40 °C	0.86% (seawater)		
40 °C	0.86% (seawater)		
40 °C	Unconditioned control		
40 °C	Unconditioned control		
40 °C	Unconditioned control		
40 °C	Unconditioned control		
40 °C	0.47% (seawater)		
40 °C	0.47% (seawater)		
40 °C	0.47% (seawater)		
40 °C	0.47% (seawater)	Stress at	First
40 °C	0.47% (seawater)	First Cracking, MPa	Crack, %
40 °C	Unconditioned control	39.5	0.33
40 °C	Unconditioned control	44.8	0.38
40 °C	Unconditioned control	38.5	0.32
40 °C	Unconditioned control	40.5	0.39
40 °C	Unconditioned control	38.8	0.35
40 °C	0.47% (seawater)	44	0.34
40 °C	0.47% (seawater)	40.9	0.42
40 °C	0.47% (seawater)	42.6	0.37
40 °C	0.47% (seawater)	41.4	0.41
40 °C	0.47% (seawater)	39.3	0.39
40 °C	Unconditioned control		
40 °C	Unconditioned control		
40 °C	Unconditioned control		
40 °C	Unconditioned control		
40 °C	Unconditioned control		
40 °C	0.47% (seawater)		
40 °C	0.47% (seawater)		
40 °C	0.47% (seawater)		
40 °C	0.47% (seawater)		
40 °C	0.47% (seawater)		
0 °C	Unconditioned control		
0 °C	Unconditioned control		
0 °C	Unconditioned control		
0 °C	Unconditioned control		
0 °C	Unconditioned control		

[illegible]

20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	0.72% (seawater)
20 °C	0.72% (seawater)
20 °C	0.72% (seawater)
20 °C	0.72% (seawater)
20 °C	0.72% (seawater)
20 °C	0.72% (seawater)
20 °C	0.72% (seawater)
20 °C	0.72% (seawater)
20 °C	0.72% (seawater)
5 °C	Unconditioned control
5 °C	Unconditioned control
5 °C	Unconditioned control
5 °C	Unconditioned control
5 °C	Unconditioned control
5 °C	0.40% (seawater)
5 °C	0.40% (seawater)
5 °C	0.40% (seawater)
5 °C	0.40% (seawater)
5 °C	0.40% (seawater)
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	0.40% (seawater)
20 °C	0.40% (seawater)
20 °C	0.40% (seawater)
20 °C	0.40% (seawater)
20 °C	0.40% (seawater)
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	0.40% (seawater)
40 °C	0.40% (seawater)
40 °C	0.40% (seawater)
40 °C	0.40% (seawater)
40 °C	0.40% (seawater)
0 °C	Unconditioned control
0 °C	Unconditioned control
0 °C	Unconditioned control

0 °C	Unconditioned control
0 °C	Unconditioned control
5 °C	0.72% (seawater)
5 °C	0.72% (seawater)
5 °C	0.72% (seawater)
5 °C	0.72% (seawater)
5 °C	0.72% (seawater)
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	0.72% (seawater)
20 °C	0.72% (seawater)
20 °C	0.72% (seawater)
20 °C	0.72% (seawater)
20 °C	0.72% (seawater)
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	0.72% (seawater)
40 °C	0.72% (seawater)
40 °C	0.72% (seawater)
40 °C	0.72% (seawater)
40 °C	0.72% (seawater)

20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
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20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	0.80% (seawater)
20 °C	0.80% (seawater)

[illegible][illegible]

0.94% (seawater)

Unconditioned control
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Unconditioned control
3.55% (seawater)
3.66% (seawater)
3.65% (seawater)
2.87% (seawater)
2.65% (seawater)
2.55% (seawater)
2.58% (seawater)
2.67% (seawater)
2.62% (seawater)
2.42% (seawater)
2.69% (seawater)
2.63% (seawater)
2.46% (seawater)

[illegible]

25°C Unconditioned control

[illegible]

40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
25 °C	0.92% (distilled water)
25 °C	0.92% (distilled water)
25 °C	0.92% (distilled water)
25 °C	0.92% (distilled water)
25 °C	0.92% (distilled water)
25 °C	0.92% (distilled water)
40 °C	0.92% (distilled water)
40 °C	0.92% (distilled water)
40 °C	0.92% (distilled water)
55 °C	0.92% (distilled water)
55 °C	0.92% (distilled water)
55 °C	0.92% (distilled water)
70 °C	0.92% (distilled water)
70 °C	0.92% (distilled water)
70 °C	0.92% (distilled water)

25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
25 °C	0.86% (distilled water)
25 °C	0.86% (distilled water)
25 °C	0.86% (distilled water)
40 °C	0.86% (distilled water)
40 °C	0.86% (distilled water)
40 °C	0.86% (distilled water)
55 °C	0.86% (distilled water)
55 °C	0.86% (distilled water)
55 °C	0.86% (distilled water)
70 °C	0.86% (distilled water)
70 °C	0.86% (distilled water)
70 °C	0.86% (distilled water)

25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
40 °C	Unconditioned control

40 °C	Unconditioned control
40 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
25 °C	0.34% (distilled water)
25 °C	0.34% (distilled water)
25 °C	0.34% (distilled water)
40 °C	0.34% (distilled water)
40 °C	0.34% (distilled water)
40 °C	0.34% (distilled water)
55 °C	0.34% (distilled water)
55 °C	0.34% (distilled water)
55 °C	0.34% (distilled water)
70 °C	0.34% (distilled water)
70 °C	0.34% (distilled water)
70 °C	0.34% (distilled water)
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
25 °C	0.32% (distilled water)
25 °C	0.32% (distilled water)
25 °C	0.32% (distilled water)
40 °C	0.32% (distilled water)
40 °C	0.32% (distilled water)
40 °C	0.32% (distilled water)
55 °C	0.32% (distilled water)
55 °C	0.32% (distilled water)
55 °C	0.32% (distilled water)
70 °C	0.32% (distilled water)
70 °C	0.32% (distilled water)
70 °C	0.32% (distilled water)
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control

70 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	0.34% (distilled water)
25 °C	0.34% (distilled water)
25 °C	0.34% (distilled water)
40 °C	0.34% (distilled water)
40 °C	0.34% (distilled water)
40 °C	0.34% (distilled water)
55 °C	0.34% (distilled water)
55 °C	0.34% (distilled water)
55 °C	0.34% (distilled water)
70 °C	0.34% (distilled water)
70 °C	0.34% (distilled water)
70 °C	0.34% (distilled water)

25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
25 °C	0.24% (distilled water)
25 °C	0.24% (distilled water)
25 °C	0.24% (distilled water)
40 °C	0.24% (distilled water)
40 °C	0.24% (distilled water)
40 °C	0.24% (distilled water)
55 °C	0.24% (distilled water)
55 °C	0.24% (distilled water)
55 °C	0.24% (distilled water)
70 °C	0.24% (distilled water)
70 °C	0.24% (distilled water)
70 °C	0.24% (distilled water)

25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
70 °C	Unconditioned control

70 °C	Unconditioned control
70 °C	Unconditioned control
25 °C	1.34% (distilled water)
25 °C	1.34% (distilled water)
25 °C	1.34% (distilled water)
40 °C	1.34% (distilled water)
40 °C	1.34% (distilled water)
40 °C	1.34% (distilled water)
55 °C	1.34% (distilled water)
55 °C	1.34% (distilled water)
55 °C	1.34% (distilled water)
70 °C	1.34% (distilled water)
70 °C	1.34% (distilled water)
70 °C	1.34% (distilled water)
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
25 °C	1.41% (distilled water)
25 °C	1.41% (distilled water)
25 °C	1.41% (distilled water)
40 °C	1.41% (distilled water)
40 °C	1.41% (distilled water)
40 °C	1.41% (distilled water)
55 °C	1.41% (distilled water)
55 °C	1.41% (distilled water)
55 °C	1.41% (distilled water)
70 °C	1.41% (distilled water)
70 °C	1.41% (distilled water)
70 °C	1.41% (distilled water)
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control

25 °C	1.34% (distilled water)
25 °C	1.34% (distilled water)
25 °C	1.34% (distilled water)
40 °C	1.34% (distilled water)
40 °C	1.34% (distilled water)
40 °C	1.34% (distilled water)
55 °C	1.34% (distilled water)
55 °C	1.34% (distilled water)
55 °C	1.34% (distilled water)
70 °C	1.34% (distilled water)
70 °C	1.34% (distilled water)
70 °C	1.34% (distilled water)

25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
25 °C	1.24% (distilled water)
25 °C	1.24% (distilled water)
25 °C	1.24% (distilled water)
40 °C	1.24% (distilled water)
40 °C	1.24% (distilled water)
40 °C	1.24% (distilled water)
55 °C	1.24% (distilled water)
55 °C	1.24% (distilled water)
55 °C	1.24% (distilled water)
70 °C	1.24% (distilled water)
70 °C	1.24% (distilled water)
70 °C	1.24% (distilled water)

25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
25 °C	0.44% (distilled water)
25 °C	0.44% (distilled water)
25 °C	0.44% (distilled water)
40 °C	0.44% (distilled water)

40 °C	0.44% (distilled water)
40 °C	0.44% (distilled water)
55 °C	0.44% (distilled water)
55 °C	0.44% (distilled water)
55 °C	0.44% (distilled water)
70 °C	0.44% (distilled water)
70 °C	0.44% (distilled water)
70 °C	0.44% (distilled water)
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
25 °C	0.42% (distilled water)
25 °C	0.42% (distilled water)
25 °C	0.42% (distilled water)
40 °C	0.42% (distilled water)
40 °C	0.42% (distilled water)
40 °C	0.42% (distilled water)
55 °C	0.42% (distilled water)
55 °C	0.42% (distilled water)
55 °C	0.42% (distilled water)
70 °C	0.42% (distilled water)
70 °C	0.42% (distilled water)
70 °C	0.42% (distilled water)
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	0.44% (distilled water)
25 °C	0.44% (distilled water)
25 °C	0.44% (distilled water)
40 °C	0.44% (distilled water)
40 °C	0.44% (distilled water)
40 °C	0.44% (distilled water)

55 °C	0.44% (distilled water)
55 °C	0.44% (distilled water)
55 °C	0.44% (distilled water)
70 °C	0.44% (distilled water)
70 °C	0.44% (distilled water)
70 °C	0.44% (distilled water)

25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
25 °C	0.38% (distilled water)
25 °C	0.38% (distilled water)
25 °C	0.38% (distilled water)
40 °C	0.38% (distilled water)
40 °C	0.38% (distilled water)
40 °C	0.38% (distilled water)
55 °C	0.38% (distilled water)
55 °C	0.38% (distilled water)
55 °C	0.38% (distilled water)
70 °C	0.38% (distilled water)
70 °C	0.38% (distilled water)
70 °C	0.38% (distilled water)

25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
25 °C	0.5% (distilled water)
25 °C	0.5% (distilled water)
25 °C	0.5% (distilled water)
40 °C	0.5% (distilled water)
40 °C	0.5% (distilled water)
55 °C	0.5% (distilled water)
55 °C	0.5% (distilled water)
55 °C	0.5% (distilled water)
70 °C	0.5% (distilled water)
70 °C	0.5% (distilled water)

70 °C	0.5% (distilled water)
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
25 °C	0.5% (distilled water)
25 °C	0.5% (distilled water)
25 °C	0.5% (distilled water)
40 °C	0.5% (distilled water)
40 °C	0.5% (distilled water)
40 °C	0.5% (distilled water)
55 °C	0.5% (distilled water)
55 °C	0.5% (distilled water)
55 °C	0.5% (distilled water)
70 °C	0.5% (distilled water)
70 °C	0.5% (distilled water)
70 °C	0.5% (distilled water)
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
25 °C	0.5% (distilled water)
25 °C	0.5% (distilled water)
25 °C	0.5% (distilled water)
40 °C	0.5% (distilled water)
40 °C	0.5% (distilled water)
40 °C	0.5% (distilled water)
55 °C	0.5% (distilled water)
55 °C	0.5% (distilled water)
55 °C	0.5% (distilled water)
70 °C	0.5% (distilled water)
70 °C	0.5% (distilled water)
70 °C	0.5% (distilled water)
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control

40 °C	Unconditioned control
40 °C	Unconditioned control
40 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
55 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
70 °C	Unconditioned control
25 °C	0.28% (distilled water)
25 °C	0.28% (distilled water)
25 °C	0.28% (distilled water)
40 °C	0.28% (distilled water)
40 °C	0.28% (distilled water)
40 °C	0.28% (distilled water)
55 °C	0.28% (distilled water)
55 °C	0.28% (distilled water)
55 °C	0.28% (distilled water)
70 °C	0.28% (distilled water)
70 °C	0.28% (distilled water)
70 °C	0.28% (distilled water)
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	0.2% (distilled water)
25 °C	0.2% (distilled water)
25 °C	0.2% (distilled water)
25 °C	0.2% (distilled water)
25 °C	0.29% (distilled water)
25 °C	0.29% (distilled water)
25 °C	0.29% (distilled water)
25 °C	0.29% (distilled water)
25 °C	0.47% (distilled water)
25 °C	0.47% (distilled water)
25 °C	0.47% (distilled water)
25 °C	0.47% (distilled water)
25 °C	0.54% (distilled water)
25 °C	0.54% (distilled water)
25 °C	0.54% (distilled water)
25 °C	0.54% (distilled water)
0 °C	0.47% (distilled water)
0 °C	0.47% (distilled water)
0 °C	0.47% (distilled water)
25 °C	0.61% (distilled water)
25 °C	0.61% (distilled water)
25 °C	0.61% (distilled water)
25 °C	0.61% (distilled water)
25 °C	0.73% (distilled water)

25 °C	0.73% (distilled water)
25 °C	0.73% (distilled water)
25 °C	0.73% (distilled water)
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	0.62% (distilled water)
25 °C	0.62% (distilled water)
25 °C	0.62% (distilled water)
25 °C	0.62% (distilled water)
50 °C	0.62% (distilled water)
50 °C	0.62% (distilled water)
50 °C	0.62% (distilled water)
50 °C	0.62% (distilled water)
25 °C	0.64% (distilled water)
25 °C	0.64% (distilled water)
25 °C	0.64% (distilled water)
25 °C	0.64% (distilled water)
50 °C	0.64% (distilled water)
50 °C	0.64% (distilled water)
50 °C	0.64% (distilled water)
50 °C	0.64% (distilled water)
25 °C	0.97% (distilled water)
25 °C	0.97% (distilled water)
25 °C	0.97% (distilled water)
25 °C	0.97% (distilled water)
25 °C	1.01% (distilled water)
25 °C	1.01% (distilled water)
25 °C	1.01% (distilled water)
25 °C	1.01% (distilled water)
50 °C	0.97% (distilled water)
50 °C	0.97% (distilled water)
50 °C	0.97% (distilled water)
50 °C	0.97% (distilled water)
50 °C	1.01% (distilled water)
50 °C	1.01% (distilled water)
50 °C	1.01% (distilled water)
50 °C	1.01% (distilled water)
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
25 °C	Unconditioned control
50 °C	Unconditioned control

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20 °C	0.52% (distilled water)
20 °C	0.52% (distilled water)
20 °C	0.52% (distilled water)
50 °C	0.52% (distilled water)
50 °C	0.52% (distilled water)
50 °C	0.52% (distilled water)
50 °C	0.52% (distilled water)
50 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	0.52% (distilled water)
50 °C	0.52% (distilled water)
50 °C	0.52% (distilled water)
50 °C	0.52% (distilled water)
50 °C	0.52% (distilled water)
50 °C	0.52% (distilled water)
50 °C	0.52% (distilled water)
50 °C	0.52% (distilled water)

20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	0.56% (distilled water)
20 °C	0.56% (distilled water)
20 °C	0.56% (distilled water)
20 °C	0.56% (distilled water)
20 °C	0.56% (distilled water)
20 °C	0.56% (distilled water)
20 °C	0.56% (distilled water)
20 °C	0.56% (distilled water)
20 °C	0.56% (distilled water)
20 °C	0.56% (distilled water)
50 °C	0.56% (distilled water)
50 °C	0.56% (distilled water)
50 °C	0.56% (distilled water)
50 °C	0.56% (distilled water)
50 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	0.56% (distilled water)
50 °C	0.56% (distilled water)
50 °C	0.56% (distilled water)
50 °C	0.56% (distilled water)
50 °C	0.56% (distilled water)

50 °C	0.56% (distilled water)
50 °C	0.56% (distilled water)
50 °C	0.56% (distilled water)
50 °C	0.56% (distilled water)
50 °C	0.56% (distilled water)
50 °C	0.56% (distilled water)
20 °C	0.56% (distilled water)
20 °C	0.56% (distilled water)
20 °C	0.56% (distilled water)

20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	Unconditioned control
20 °C	0.52% (distilled water)
20 °C	0.52% (distilled water)
20 °C	0.52% (distilled water)
20 °C	0.52% (distilled water)
50 °C	0.52% (distilled water)
50 °C	0.52% (distilled water)
50 °C	0.52% (distilled water)
50 °C	0.52% (distilled water)

20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	1.79% (distilled water)
50 °C	1.79% (distilled water)
50 °C	1.79% (distilled water)
50 °C	1.79% (distilled water)
20 °C	1.79% (distilled water)
20 °C	1.79% (distilled water)
20 °C	1.79% (distilled water)
20 °C	1.79% (distilled water)

20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	1.24% (distilled water)
50 °C	1.24% (distilled water)

50 °C	1.24% (distilled water)
50 °C	1.24% (distilled water)
20 °C	1.24% (distilled water)
20 °C	1.24% (distilled water)
20 °C	1.24% (distilled water)
20 °C	1.24% (distilled water)

50 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
50 °C	1.72% (distilled water)
50 °C	1.72% (distilled water)
50 °C	1.72% (distilled water)
50 °C	1.72% (distilled water)
20 °C	1.72% (distilled water)
20 °C	1.72% (distilled water)
20 °C	1.72% (distilled water)
20 °C	1.72% (distilled water)

20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
20 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	Unconditioned control
50 °C	1.55% (distilled water)
50 °C	1.55% (distilled water)
50 °C	1.55% (distilled water)
50 °C	1.55% (distilled water)
20 °C	1.55% (distilled water)
20 °C	1.55% (distilled water)
20 °C	1.55% (distilled water)
20 °C	1.55% (distilled water)

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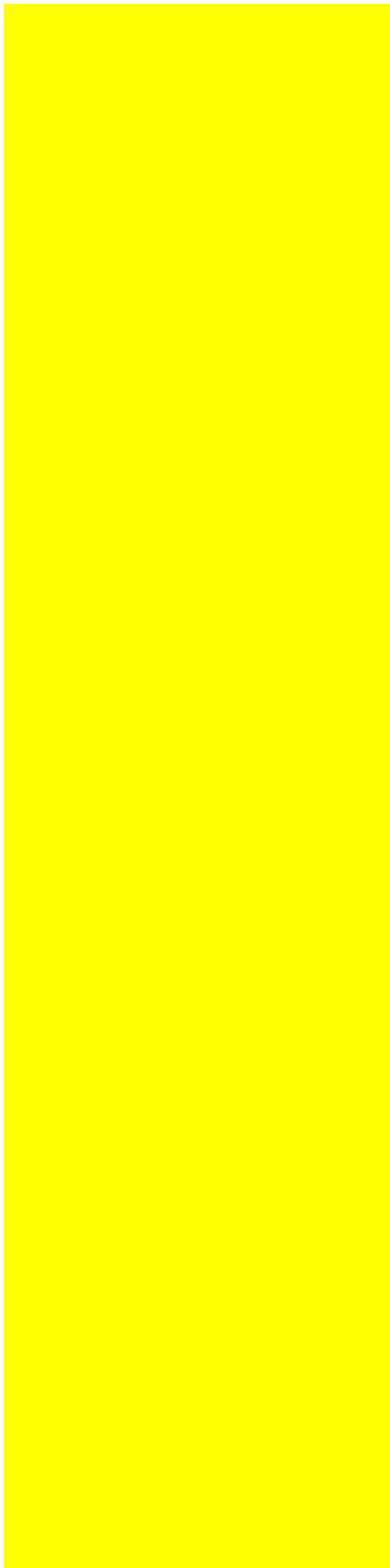
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C13

T7, T9

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R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9

R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9

R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9

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R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
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R4	C13	T7, T9
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R4	C13	T7, T9
R4	C13	T7, T9

R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9

R4	C13	T7, T9
R4	C13	T7, T9
R4	C13	T7, T9

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R4
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