Component - Plastics

File Number: E36098

Solvay Specialty Polymers USA L L C

4500 MCGINNIS FERRY RD, ALPHARETTA GA 30005-2203

RADEL: R-5100 (r1)(##), R-5000 (r1)(##)

PPSU, pellets

(##) - Denotes up to six characters consisting of a combination of characters and numbers representing a color code
(r1) - Virgin and regrind, up to 50% by weight inclusive, have the same basic material characteristics with respect to flammability.

Flammability	Value	Test Method
Flame Rating		UL 94
0.36 mm, NC	V-0	
0.75 mm, ALL	V-0	
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0	
Flammability Classification		IEC 60695-11-10, -20
0.36 mm, NC	V-0	
0.75 mm, ALL	V-0	
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0	
Electrical	**Value**	**Test Method**
Hot-wire Ignition (HWI)		UL 746
0.36 mm	PLC 0	
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746
0.36 mm	PLC 0	
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 5	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Arc Resistance	PLC 5	ASTM D495
Thermal	**Value**	**Test Method**
RTI Elec		UL 746
0.36 mm	160 °C	
0.75 mm	180 °C	
1.5 mm	180 °C	
3.0 mm	180 °C	
RTI Imp		UL 746
0.36 mm	160 °C	
0.75 mm	170 °C	
1.5 mm	170 °C	
3.0 mm	170 °C	

Form Number: E36098-628748

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Last Revised: 2016-08-02

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Thermal	Value	Test Method
RTI Str		UL 746
0.36 mm	160 °C	
0.75 mm	180 °C	
1.5 mm	180 °C	
3.0 mm	180 °C	

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