



Component - Plastics

File Number: E36098

Solvay Specialty Polymers USA L L C
4500 MCGINNIS FERRY RD, ALPHARETTA GA 30005-2203



Udel: GF-110, GF-120

Polysulfone (PSU), pellets

Flammability	Value	Test Method
Flame Rating		UL 94
1.5 mm, ALL	HB	
3.0 mm, ALL	HB	
4.4 mm, ALL	V-0	
6.0 mm, ALL	V-0	
Flammability Classification		IEC 60695-11-10, -20
3.0 mm, ALL	HB40	
1.5 mm, ALL	HB75	
4.4 mm, ALL	V-0	
6.0 mm, ALL	V-0	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.5 mm	PLC 3	
3.0 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746
1.5 mm	PLC 4	
3.0 mm	PLC 4	
Comparative Tracking Index (CTI)	PLC 4	UL 746
Arc Resistance	PLC 7	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
1.5 mm	160 °C	
3.0 mm	160 °C	
4.4 mm	160 °C	
6.0 mm	160 °C	
RTI Imp		UL 746
1.5 mm	140 °C	
3.0 mm	140 °C	
4.4 mm	140 °C	
6.0 mm	140 °C	
RTI Str		UL 746
1.5 mm	160 °C	
3.0 mm	160 °C	
4.4 mm	160 °C	
6.0 mm	160 °C	
Physical	Value	Test Method
Dimensional Stability	0.0 %	ASTM D1042
Dimensional Stability	0.0 %	ISO 2796

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