



Component - Plastics

File Number: E36098

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



Udel: GF-130

Polysulfone (PSU), pellets

Flammability	Value	Test Method
Flame Rating		UL 94
0.75 mm, NC	V-2	
1.5 mm, ALL	V-1	
3.0 mm, ALL	V-0	
Flammability Classification		IEC 60695-11-10, -20
3.0 mm, ALL	V-0	
1.5 mm, ALL	V-1	
0.75 mm, NC	V-2	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.75 mm	PLC 1	
1.5 mm	PLC 1	
3.0 mm	PLC 1	
High Amp Arc Ignition (HAI)		UL 746
0.75 mm	PLC 4	
1.5 mm	PLC 4	
3.0 mm	PLC 4	
Comparative Tracking Index (CTI)	PLC 4	UL 746
High Voltage Arc Tracking Rate (HVTR)	PLC 4	UL 746
Arc Resistance	PLC 5	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
0.75 mm	50.0 °C	
1.5 mm	160 °C	
3.0 mm	160 °C	
RTI Imp		UL 746
0.75 mm	50.0 °C	
1.5 mm	140 °C	
3.0 mm	140 °C	
RTI Str		UL 746
0.75 mm	50.0 °C	
1.5 mm	160 °C	
3.0 mm	160 °C	
Physical	Value	Test Method
Dimensional Stability	0.0 %	ASTM D1042
Dimensional Stability	0.0 %	ISO 2796

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