



Component - Plastics

File Number: E95746

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



Amodel: A-1133HS
Polyphthalamide (PPA), pellets

Flammability	Value	Test Method
Flame Rating		UL 94
0.8 mm, BK	HB	
1.5 mm, NC, BK	HB	
3.0 mm, NC, BK	HB	
Flammability Classification		IEC 60695-11-10, -20
3.0 mm, NC, BK	HB40	
0.8 mm, BK	HB75	
1.5 mm, NC, BK	HB75	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.8 mm	PLC 4	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746
0.8 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746
Dielectric Strength	39 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 4	UL 746
Volume Resistivity	1.0E+15 ohms·cm	ASTM D257
Volume Resistivity	1.0E+15 ohms·cm	IEC 60093
Arc Resistance	PLC 6	ASTM D495
Electric Strength	39 kV/mm	IEC 60243-1
Thermal	Value	Test Method
RTI Str (3.0 mm)	140 °C	UL 746
Physical	Value	Test Method
Dimensional Stability	0.0 %	ASTM D1042
Dimensional Stability	0.0 %	ISO 2796

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