



Component - Plastics

File Number: E75850

RASCHIG GMBH

MUNDENHEIMER STRASSE 100, LUDWIGSHAFEN 67061 DE



Supraplast: UPA 54-XXXX

Unsaturated Polyester (UP), granular material, bulk, powder

Flammability	Value	Test Method
Flame Rating		UL 94
1.50 mm, GY, BK	V-0	IEC 60695-11-10, -20
3.00 mm, GY, BK	V-0	
6.30 mm, GY, BK	V-0	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
1.50 mm	PLC 0	
3.00 mm	PLC 0	
6.30 mm	PLC 0	
High Amp Arc Ignition (HAI)		UL 746
1.50 mm	PLC 1	
3.00 mm	PLC 1	
6.30 mm	PLC 1	
Comparative Tracking Index (CTI)	PLC 0	UL 746
Dielectric Strength	32 kV/mm	ASTM D149 IEC 60243-1
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Volume Resistivity	1.0E+13 ohm·cm	ASTM D257 IEC 60093
Arc Resistance	PLC 4	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
1.50 mm	105 °C	
3.00 mm	105 °C	
6.30 mm	105 °C	
RTI Imp		UL 746
1.50 mm	130 °C	
3.00 mm	130 °C	
6.30 mm	130 °C	
RTI Str		UL 746
1.50 mm	130 °C	
3.00 mm	130 °C	
6.30 mm	130 °C	
Physical	Value	Test Method
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796

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