



POLYPLY COMPOSITES L L C
1540 MARION ST, GRAND HAVEN MI 49417



SM-530

Unsaturated Polyester (UP), sheets, glass molding compound

Flammability	Value	Test Method
Flame Rating		UL 94 IEC 60695-11-10, -20
1.80 mm, ALL	V-0	
3.00 mm, ALL	V-0	
Electrical	Value	Test Method
Hot-wire Ignition (HWI) (PLC)		UL 746
1.80 mm	PLC 0	
3.00 mm	PLC 0	
High Amp Arc Ignition (HAI) (PLC)		UL 746
1.80 mm	PLC 0	
3.00 mm	PLC 0	
Comparative Tracking Index (CTI) (PLC)	PLC 0	UL 746
Dielectric Strength	24 kV/mm	ASTM D149 IEC 60243-1
High Voltage Arc Tracking Rate (HVTR) (PLC)	PLC 0	UL 746
Volume Resistivity	1.0E+11 ohm·cm	ASTM D257 IEC 60093
Arc Resistance (PLC)	PLC 4	ASTM D495
Thermal	Value	Test Method
RTI Elec		UL 746
1.80 mm	130 °C	
3.00 mm	130 °C	
RTI Imp		UL 746
1.80 mm	130 °C	
3.00 mm	130 °C	
RTI Str		UL 746
1.80 mm	130 °C	
3.00 mm	130 °C	
Physical	Value	Test Method
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796

Component - Plastics

File Number: E31703



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