



MB1000-15

File Number: E80533Yellow Card® **COMPANY****Mar-Bal Inc**787 Renaissance Parkway
Painesville, OH 44077 United States**MODEL INFO****MB1000-15**

Unsaturated Polyester (UP), glass reinforced, furnished as bulk

FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability (1.5 mm, Color: ALL)	HB	ANSI/UL 94
ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
Flammability (1.5 mm, Color: ALL)	HB75	IEC 60695-11-10
ELECTRICAL PROPERTIES	VALUE	TEST METHOD
Hot-wire Ignition (HWI) (1.5 mm)	PLC 1	UL 746A
High Amp Arc Ignition (HAI) (1.5 mm)	PLC 0	UL 746A
Comparative Tracking Index (CTI)	PLC 1	UL 746A
Dielectric Strength	17 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 0	

Volume Resistivity	1.0E+13 ohms-cm	ASTM D257/IEC 60093
High Voltage, Low Current Arc Resistance	PLC 4	
THERMAL PROPERTIES	VALUE	TEST METHOD
Relative Thermal Index - Electrical Strength		UL 746B
1.5 mm	130 °C	
3.0 mm	130 °C	
Relative Thermal Index - Mechanical Impact		UL 746B
1.5 mm	130 °C	
3.0 mm	130 °C	
Relative Thermal Index - Mechanical Strength		UL 746B
1.5 mm	130 °C	
3.0 mm	130 °C	
PHYSICAL PROPERTIES	VALUE	TEST METHOD
Dimensional Stability	0.0 %	ASTM D1042/ISO 2796

Report Date: 1981-09-21
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