



## MB9000-20

**File Number: E80533**Yellow Card® **COMPANY****Mar-Bal Inc**787 Renaissance Parkway  
Painesville, OH 44077 United States**MODEL INFO****MB9000-20**

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

FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
<b>Flammability</b>		ANSI/UL 94
1.5 mm, Color: ALL	V-0	
3.0 mm, Color: ALL	V-0	
ISO/IEC FLAMMABILITY PROPERTIES	VALUE	TEST METHOD
<b>Flammability</b>		IEC 60695-11-10
1.5 mm, Color: ALL	V-0	
3.0 mm, Color: ALL	V-0	
ELECTRICAL PROPERTIES	VALUE	TEST METHOD
<b>Hot-wire Ignition (HWI)</b> (1.5 mm)	PLC 0	UL 746A
<b>High Amp Arc Ignition (HAI)</b> (1.5 mm)	PLC 0	UL 746A
<b>Comparative Tracking Index (CTI)</b>	PLC 0	UL 746A

<b>Dielectric Strength</b>	13 kV/mm	ASTM D149
<b>High Voltage Arc Tracking Rate (HVTR)</b>	PLC 0	
<b>Volume Resistivity</b>	1.0E+15 ohms-cm	ASTM D257/IEC 60093
<b>High Voltage, Low Current Arc Resistance</b>	PLC 4	
<b>THERMAL PROPERTIES</b>	<b>VALUE</b>	<b>TEST METHOD</b>
<b>Relative Thermal Index - Electrical Strength</b>		UL 746B
1.5 mm	130 °C	
3.0 mm	130 °C	
<b>Relative Thermal Index - Mechanical Impact</b>		UL 746B
1.5 mm	130 °C	
3.0 mm	130 °C	
<b>Relative Thermal Index - Mechanical Strength</b>		UL 746B
1.5 mm	130 °C	
3.0 mm	130 °C	
<b>PHYSICAL PROPERTIES</b>	<b>VALUE</b>	<b>TEST METHOD</b>
<b>Dimensional Stability</b>	0.0 %	ASTM D1042/ISO 2796

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