

MB1000-10 - Plastics - Component

Plastics - Component**File Number: E80533**

Yellow Card®

**COMPANY****Mar-Bal Inc**787 Renaissance Parkway
Painesville, OH 44077 United States**MODEL INFO****MB1000-10**

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

FLAMMABILITY PROPERTIES**VALUE****TEST METHOD****Flammability**

ANSI/UL 94

1.5 mm, Color: ALL

HB

3.0 mm, Color: ALL

HB

ISO/IEC FLAMMABILITY PROPERTIES**VALUE****TEST METHOD****Flammability**

IEC 60695-11-10

1.5 mm, Color: ALL

HB75

3.0 mm, Color: ALL

HB40

ELECTRICAL PROPERTIES**VALUE****TEST METHOD****Hot-wire Ignition (HWI)**

UL 746A

1.5 mm

PLC 2

3.0 mm

PLC 1

High Amp Arc Ignition (HAI)		UL 746A
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746A
Dielectric Strength	21 kV/mm	ASTM D149
High Voltage Arc Tracking Rate (HVTR)	PLC 0	
Volume Resistivity	1.0E+14 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	0.010 %	ASTM D1042/ISO 2796

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