



## MB2000-20

**File Number: E80533**Yellow Card® **COMPANY****Mar-Bal Inc**787 Renaissance Parkway  
Painesville, OH 44077 United States**MODEL INFO****MB2000-20**

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>		UL 746A
1.5 mm	PLC 0	
3.0 mm	PLC 0	
<b>High Amp Arc Ignition (HAI)</b>		UL 746A

1.5 mm	PLC 0	
3.0 mm	PLC 0	
<b>Comparative Tracking Index (CTI)</b>	PLC 0	UL 746A
<b>Dielectric Strength</b>	10 kV/mm	ASTM D149
<b>High Voltage Arc Tracking Rate (HVTR)</b>	PLC 0	
<b>Volume Resistivity</b>	1.0E+13 ohms-cm	ASTM D257/IEC 60093
<b>High Voltage, Low Current Arc Resistance</b>	PLC 3	
<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>	0.70 %	ASTM D1042/ISO 2796

Report Date: 1981-09-21  
Revision Date: 2019-10-14

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with

permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2021 UL LLC"