

## IDI Composites M-104 Thermoset Polyester, Molding

Category : Polymer , Thermoset , Polyester , TS , Thermoset Polyester Glass Filled BMC

**Material Notes:**

Mechanical grade materials in a range of strengths with excellent moldability and molded part appearance. Data provided by the manufacturer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_IDI-Composites-M-104-Thermoset-Polyester-Molding.php](http://www.lookpolymers.com/polymer_IDI-Composites-M-104-Thermoset-Polyester-Molding.php)

Physical Properties	Metric	English	Comments
Density	1.84 g/cc	0.0665 lb/in <sup>3</sup>	
Water Absorption	0.10 %	0.10 %	in 24 hours; ASTM D570
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	69.0 MPa	10000 psi	ASTM D638
Flexural Strength	145 MPa	21000 psi	ASTM D790
Flexural Modulus	10.0 GPa	1450 ksi	ASTM D790
Compressive Strength	172 MPa	24900 psi	ASTM D695
Izod Impact, Notched	4.40 J/cm	8.24 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	232 Â°C	450 Â°F	ASTM D648
Flammability, UL94	V-2 @Thickness 3.20 mm	V-2 @Thickness 0.126 in	

Electrical Properties	Metric	English	Comments
Dielectric Strength	11.4 kV/mm	290 kV/in	ASTM D149

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China