

IDI Composites 48-50 Thermoset Polyester, Molding

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

Material Notes:

Moderate strength electrical grade with good track resistance and V-0 flame resistance.Data provided by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_IDI-Composites-48-50-Thermoset-Polyester-Molding.php

Physical Properties	Metric	English	Comments
Density	1.93 g/cc	0.0697 lb/in ³	
Water Absorption	0.11 %	0.11 %	in 24 hours; ASTM D570
Linear Mold Shrinkage	0.0010 - 0.0030 cm/cm	0.0010 - 0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	40 - 50	40 - 50	ASTM D2583
Tensile Strength, Ultimate	41.0 MPa	5950 psi	ASTM D638
Flexural Strength	103 MPa	14900 psi	ASTM D790
Flexural Modulus	14.0 GPa	2030 ksi	ASTM D790
Compressive Strength	165 MPa	23900 psi	ASTM D695
Izod Impact, Notched	2.90 J/cm	5.43 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	>= 260 Â°C	>= 500 Â°F	ASTM D648
Flammability, UL94	V-0 @Thickness 3.20 mm	V-0 @Thickness 0.126 in	

Electrical Properties	Metric	English	Comments
Dielectric Strength	12.6 kV/mm	320 kV/in	ASTM D149
Arc Resistance	190 sec	190 sec	ASTM D495

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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