

IDI Composites C-103 Thermoset Polyester, Molding

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

Material Notes:

Vinylester compounds in a range of strengths with superior corrosion resistance.Data provided by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_IDI-Composites-C-103-Thermoset-Polyester-Molding.php

Physical Properties	Metric	English	Comments
Density	1.90 g/cc	0.0686 lb/in ³	
Water Absorption	0.060 %	0.060 %	in 24 hours; ASTM D570
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	30 - 40	30 - 40	ASTM D2583
Tensile Strength, Ultimate	41.0 MPa	5950 psi	ASTM D638
Flexural Strength	124 MPa	18000 psi	ASTM D790
Flexural Modulus	12.0 GPa	1740 ksi	ASTM D790
Compressive Strength	165 MPa	23900 psi	ASTM D695
Izod Impact, Notched	3.80 J/cm	7.12 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Flammability, UL94	HB	HB	
	@Thickness 3.20 mm	@Thickness 0.126 in	

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