

IDI Composites C-108 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-108-Thermoset-Polyester-Molding.php

Physical Properties	Metric	English	Comments
Density	1.65 g/cc	0.0596 lb/in ³	
Water Absorption	0.090 %	0.090 %	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	40 - 50	40 - 50	ASTM D2583
Tensile Strength, Ultimate	83.0 MPa	12000 psi	ASTM D638
Flexural Strength	179 MPa	26000 psi	ASTM D790
Flexural Modulus	14.0 GPa	2030 ksi	ASTM D790
Compressive Strength	207 MPa	30000 psi	ASTM D695
Izod Impact, Notched	8.90 J/cm	16.7 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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