

Fibre Glast 90L Isophthalic Polyester Resin (Laminate Properties)

Category : Polymer , Thermoset , Filled/Reinforced Thermoset , Polyester, TS , Polyester (Thermoset) - Rigid

Material Notes:

Description:#90 Isophthalic Polyester Resin is perfect for making dimensionally stable polyester molds, corrosive service part fabrication, and as a durable repair material for tank linings. #90 permits fast wet-out in spray or hand laminates. Its 225Â°F service temperature also resists exotherm and post cure problems. Properly fabricated parts may be used in food service applications. #90 is a pre-promoted, thixotropic, corrosion and temperature-resistant Isophthalic polyester resin. This versatile product features a high molecular weight and crosslink density and offers good corrosion resistance in a variety of aqueous and acidic media. The performance of #90 has been proven by over 30 years of successful service.Features:High molecular weight Isophthalic polymerContains no esterification catalystChemical components listed under FDA 177.2420 Title 21Laminates based on #90 can meet BS 6920 requirementsLaminates can meet MIL-R-7575C Grade A and B with Class 0 and 3 Electrical PropertiesManufactured using statistical controls in ISO-9002 certified plantsBenefits:Corrosion resistance, Strength, ToughnessSuperior corrosion and blister resistanceCan be used in food and beverage contact applicationApproved for use in military applicationsConsistent batch to batch performanceProperties are listed for 1/8" Laminate, 4 plies of 1.5 oz/ft² chopped strand mat. Glass content: 35% by weight: Thickness 0.090", at Room Temperature of 77Â°FInformation provided by Fibre Glast Developments Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fibre-Glast-90L-Isophthalic-Polyester-Resin-Laminate-Properties.php

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	45	45	ASTM D2583
Tensile Strength at Break	123 MPa	17900 psi	ASTM D638
Tensile Modulus	8.27 GPa	1200 ksi	ASTM D638
Flexural Strength	216 MPa	31400 psi	ASTM D790
Flexural Modulus	0.896 GPa	130 ksi	ASTM D790
Compressive Yield Strength	196 MPa	28400 psi	ASTM D695

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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