

Fibre Glast ProSet 125R / 229H Epoxy (discontinued **)

Category : Polymer , Thermoset , Epoxy , Epoxy, Molded, Glass Fiber Filler

Material Notes:

Information provided by Fibre Glast Developments Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fibre-Glast-ProSet-125R-229H-Epoxy-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	
Viscosity	325 cP	325 cP	ASTM D2293

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	89	89	Cured; ASTM D2240
Tensile Strength at Break	295.2 MPa	42810 psi	Property derived with 10 Ply Laminate, hand Lay-up, Style 181 Glass Fabric, 55% Glass Content.; ASTM D638
Elongation at Break	2.04 %	2.04 %	Property derived with 10 Ply Laminate, hand Lay-up, Style 181 Glass Fabric, 55% Glass Content.; ASTM D638
Tensile Modulus	16.8 GPa	2430 ksi	Property derived with 10 Ply Laminate, hand Lay-up, Style 181 Glass Fabric, 55% Glass Content.
Flexural Strength	383.08 MPa	55561 psi	Property derived with 10 Ply Laminate, hand Lay-up, Style 181 Glass Fabric, 55% Glass Content.; ASTM D790
Flexural Modulus	19.6 GPa	2840 ksi	Property derived with 10 Ply Laminate, hand Lay-up, Style 181 Glass Fabric, 55% Glass Content.; ASTM D790

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	63.3 °C	146 °F	

Processing Properties	Metric	English	Comments
Pot Life	90.0 min @Temperature 25.0 °C	90.0 min @Temperature 77.0 °F	4 fl. Oz.; ASTM D2471

Descriptive Properties	Value	Comments
------------------------	-------	----------

Mix Ratio Descriptive Properties	100:30 Value	Resin:Hardener by Weight Comments
	2.86:1	Resin:Hardener by Volume

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