

Fibre Glast RAE 2426 / 2177 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-RAE-2426-2177-Epoxy-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	
Viscosity	680 cP	680 cP	ASTM D2293

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	89	89	Cured; ASTM D2240
Tensile Strength at Break	275.0 MPa	39880 psi	Property derived with 10 Ply Laminate, hand Lay-up, Style 181 Glass Fabric, 55% Glass Content.; ASTM D638
Elongation at Break	1.87 %	1.87 %	Property derived with 10 Ply Laminate, hand Lay-up, Style 181 Glass Fabric, 55% Glass Content.; ASTM D638
Tensile Modulus	16.8 GPa	2440 ksi	Property derived with 10 Ply Laminate, hand Lay-up, Style 181 Glass Fabric, 55% Glass Content.
Flexural Strength	374.69 MPa	54344 psi	Property derived with 10 Ply Laminate, hand Lay-up, Style 181 Glass Fabric, 55% Glass Content.; ASTM D790
Flexural Modulus	19.2 GPa	2780 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	62.8 °C	145 °F	

Processing Properties	Metric	English	Comments
Pot Life	60.0 min @Temperature 25.0 °C	60.0 min @Temperature 77.0 °F	4 fl. Oz.; ASTM D2471

Descriptive Properties	Value	Comments
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Mix Ratio Descriptive Properties	100:21 Value	Resin:Hardener by Weight Comments
	4:1	Resin:Hardener by Volume

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