

Fibre Glast Saf-T-Poxy 2410 / 2183 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-Saf-T-Poxy-2410-2183-Epoxy-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	
Viscosity	1300 cP	1300 cP	ASTM D2293

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	88	88	Cured; ASTM D2240
Tensile Strength at Break	270.8 MPa	39280 psi	Property derived with 10 Ply Laminate, hand Lay-up, Style 181 Glass Fabric, 55% Glass Content.; ASTM D638
Elongation at Break	1.83 %	1.83 %	Property derived with 10 Ply Laminate, hand Lay-up, Style 181 Glass Fabric, 55% Glass Content.; ASTM D638
Tensile Modulus	14.9 GPa	2160 ksi	Property derived with 10 Ply Laminate, hand Lay-up, Style 181 Glass Fabric, 55% Glass Content.
Flexural Strength	323.06 MPa	46856 psi	Property derived with 10 Ply Laminate, hand Lay-up, Style 181 Glass Fabric, 55% Glass Content.; ASTM D790
Flexural Modulus	16.6 GPa	2410 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	84.4 °C	184 °F	

Processing Properties	Metric	English	Comments
Pot Life	120 min @Temperature 25.0 °C	120 min @Temperature 77.0 °F	4 fl. Oz.; ASTM D2471

Descriptive Properties	Value	Comments
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Mix Ratio Descriptive Properties	100:44 Value	Resin:Hardener by Weight Comments
	2.13:1	Resin:Hardener by Volume

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