

Fibre Glast Saf-T-Poxy 2410 / 2184 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-2410-2184-Epoxy-nbspdiscontinued-.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|------------|
| Density | 1.13 g/cc | 0.0408 lb/in ³ | |
| Viscosity | 800 cP | 800 cP | ASTM D2293 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|------------|-----------|-----------------------------------------------------------------------------------------------------------|
| Hardness, Shore D | 85 | 85 | Cured; ASTM D2240 |
| Tensile Strength at Break | 268.5 MPa | 38940 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 | 14.8 GPa | 2140 ksi | Property derived with 10 Ply Laminate, hand Lay-up, Style 181 Glass Fabric, 55% Glass Content. |
| Flexural Strength | 289.77 MPa | 42028 psi | Property derived with 10 Ply Laminate, hand Lay-up, Style 181 Glass Fabric, 55% Glass Content.; ASTM D790 |
| Flexural Modulus | 15.4 GPa | 2240 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 | 83.3 °C | 182 °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 |
|------------------------|-------|----------|
|------------------------|-------|----------|

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

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