

Rostone Rosite® 4950BS SMC Thermoset Polyester, 10% Glass Reinforced (discontinued **)

Category : Polymer , Thermoset , Composite SMC , Filled/Reinforced Thermoset , Polyester, TS , Thermoset Polyester Glass SMC

Material Notes:

Key Features: Low Shrink; Tight Dimensions Remarkable physical and electrical strength combined with excellent dimensional stability.

Information provided by Oneida-Rostone Group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Rostone-Rosite-4950BS-SMC-Thermoset-Polyester-10-Glass-Reinforced-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.73 g/cc	0.0625 lb/in ³	ASTM D792
Water Absorption	0.19 %	0.19 %	24 hrs; ASTM D570
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	shrinkage

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	22.8 MPa	3310 psi	ASTM D638
Flexural Strength	92.0 MPa	13300 psi	ASTM D790
Flexural Modulus	8.30 GPa	1200 ksi	ASTM D790
Izod Impact, Notched	5.50 J/cm	10.3 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Flammability, UL94	5VA	5VA	0.062 inch thickness

Electrical Properties	Metric	English	Comments
Dielectric Strength	10.8 kV/mm	274 kV/in	Short Time; ASTM D149
Arc Resistance	190 sec	190 sec	ASTM D495

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