

Applied Composites 8012 Polyester SMC

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

Material Notes:

Industry Application: SpecialtyProduct Application: Food EquipmentDistinct Features: NSF ApprovedInformation provided by Applied Composites Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Applied-Composites-8012-Polyester-SMC.php

Physical Properties	Metric	English	Comments
Density	1.90 g/cc	0.0686 lb/in ³	ASTM D792
Water Absorption	0.20 %	0.20 %	ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	55.2 MPa	8000 psi	ASTM D638
Tensile Modulus	12.4 GPa	1800 ksi	ASTM D638
Flexural Strength	124 MPa	18000 psi	ASTM D790
Flexural Modulus	9.65 GPa	1400 ksi	Tangent; ASTM D790
Izod Impact, Notched	6.41 J/cm	12.0 ft-lb/in	ASTM D256

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