

Applied Composites 8068 Polyester SMC

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

Material Notes:

Industry Application: High StrengthProduct Application: MilitaryDistinct Features: Structural Grade Chopped and Unidirectional Fibers, High Stiffness, High Fiber LoadingsInformation provided by Applied Composites Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Applied-Composites-8068-Polyester-SMC.php

Physical Properties	Metric	English	Comments
Density	1.83 g/cc	0.0661 lb/in ³	ASTM D792
Water Absorption	0.20 %	0.20 %	ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	427 MPa	62000 psi	ASTM D638
Flexural Strength	710 MPa	103000 psi	ASTM D790
Flexural Modulus	34.5 GPa	5000 ksi	Tangent; ASTM D790
Izod Impact, Notched	26.7 J/cm	50.0 ft-lb/in	ASTM D256

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