

Applied Composites 8049 Polyester SMC

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

Material Notes:

Industry Application: High StrengthProduct Application: MilitaryDistinct Features: High Impact Low Profile; Paintable/In Mold Coatable; Low Shrink; Low Moisture Absorption; Bondable; Formulated for High Stress and VibrationInformation provided by Applied Composites Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Applied-Composites-8049-Polyester-SMC.php

Physical Properties	Metric	English	Comments
Density	1.76 g/cc	0.0636 lb/in ³	ASTM D792
Water Absorption	0.15 %	0.15 %	ASTM D570
Linear Mold Shrinkage	0.00 cm/cm	0.00 in/in	Cold Part VS Cold Tool; ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	45	45	ASTM D2583
Tensile Strength, Ultimate	103 MPa	15000 psi	ASTM D638
Tensile Modulus	12.4 GPa	1800 ksi	ASTM D638
Flexural Strength	200 MPa	29000 psi	ASTM D790
Flexural Modulus	11.0 GPa	1600 ksi	Tangent; ASTM D790
Izod Impact, Notched	8.01 J/cm	15.0 ft-lb/in	ASTM D256

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China