

Applied Composites 120 Polyester SMC

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

Material Notes:

Industry Application: Electrical Product Application: Transmission Product Distinct Features: Pigmentable UL 94 V-5, Stable @ 600 Hour QUV Accelerated Weather Testing, Passed 6 Mos. AZ Outdoor Weathering Information provided by Applied Composites Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Applied-Composites-120-Polyester-SMC.php

Physical Properties	Metric	English	Comments
Density	1.76 g/cc	0.0636 lb/in ³	ASTM D792
Water Absorption	0.050 %	0.050 %	ASTM D570
Linear Mold Shrinkage	0.00071 cm/cm	0.00071 in/in	Cold Part VS Cold Tool; ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	68.9 MPa	10000 psi	ASTM D638
Tensile Modulus	2.76 GPa	400 ksi	ASTM D638
Flexural Strength	148 MPa	21500 psi	ASTM D790
Compressive Strength	137.6 MPa	19950 psi	ASTM D695

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