

Applied Composites 150 Polyester SMC

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

Material Notes:

Industry Application: TransportationProduct Application: Engine CoversDistinct Features: Grey Pigments Only, Low DensityInformation provided by Applied Composites Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Applied-Composites-150-Polyester-SMC.php

Physical Properties	Metric	English	Comments
Density	1.52 g/cc	0.0549 lb/in ³	ASTM D792
Water Absorption	0.37 %	0.37 %	ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	65.5 MPa	9500 psi	ASTM D638
Tensile Modulus	4.48 GPa	650 ksi	ASTM D638
Flexural Strength	165 MPa	24000 psi	ASTM D790
Flexural Modulus	6.89 GPa	1000 ksi	Tangent; ASTM D790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	>= 232 °C	>= 450 °F	Flexural Load; ASTM D648

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