

Applied Composites 8052 Polyester SMC

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

Material Notes:

Industry Application: RecreationProduct Application: Marine ProductsDistinct Features: High Strength, ResilientInformation provided by Applied Composites Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Applied-Composites-8052-Polyester-SMC.php

| Physical Properties | Metric | English | Comments |
|-----------------------|---------------|---------------------------|-----------------------------------|
| Density | 1.95 g/cc | 0.0704 lb/in ³ | ASTM D792 |
| Linear Mold Shrinkage | 0.00020 cm/cm | 0.00020 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 | 11.7 GPa | 1700 ksi | ASTM D638 |
| Flexural Strength | 138 MPa | 20000 psi | ASTM D790 |
| Flexural Modulus | 8.27 GPa | 1200 ksi | Tangent; ASTM D790 |
| Izod Impact, Notched | 11.2 J/cm | 21.0 ft-lb/in | ASTM D256 |

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