

Applied Composites 185 Polyester SMC

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

Material Notes:

Industry Application: Transportation Product Application: Lawn and Garden Distinct Features: Limited Pigmentability Information provided by Applied Composites Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Applied-Composites-185-Polyester-SMC.php

Physical Properties	Metric	English	Comments
Density	1.87 g/cc	0.0676 lb/in ³	ASTM D792
Water Absorption	0.25 %	0.25 %	ASTM D570
Linear Mold Shrinkage	-0.000670 cm/cm	-0.000670 in/in	Cold Part VS Cold Tool, Expansion; ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	75.8 MPa	11000 psi	ASTM D638
Tensile Modulus	12.29 GPa	1782 ksi	ASTM D638
Flexural Strength	162 MPa	23500 psi	ASTM D790
Compressive Strength	110 MPa	16000 psi	ASTM D695

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

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