

Applied Composites 179 Polyester SMC

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

Material Notes:

Industry Application: TransportationProduct Application: Auto InteriorsInformation provided by Applied Composites Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Applied-Composites-179-Polyester-SMC.php

Physical Properties	Metric	English	Comments
Density	1.90 g/cc	0.0686 lb/in ³	ASTM D792
Water Absorption	0.41 %	0.41 %	ASTM D570

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	65	65	ASTM D2583
Tensile Strength, Ultimate	89.6 MPa	13000 psi	ASTM D638
Flexural Strength	211 MPa	30600 psi	ASTM D790
Flexural Modulus	8.791 GPa	1275 ksi	Secant at 2.5 Deflection; ASTM D790
	9.65 GPa	1400 ksi	Secant at 0.5 Deflection; ASTM D790
	11.0 GPa	1600 ksi	Tangent; ASTM D790
Compressive Strength	193 MPa	28000 psi	ASTM D695
Izod Impact, Notched	7.47 J/cm	14.0 ft-lb/in	ASTM D256
Izod Impact, Unnotched	9.08 J/cm	17.0 ft-lb/in	ASTM D256
	@Temperature 23.0 °C	@Temperature 73.4 °F	

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