

Applied Composites 8057 Polyester SMC

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

Material Notes:

Industry Application: High StrengthProduct Application: MilitaryDistinct Features: Carbon/Glass Fibers, Advanced Composite Structures, Ribs and Flat Surfaces, High ModulusInformation provided by Applied Composites Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Applied-Composites-8057-Polyester-SMC.php

Physical Properties	Metric	English	Comments
Density	1.68 g/cc	0.0607 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.00 cm/cm	0.00 in/in	Cold Part VS Cold Tool; ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	116	116	ASTM D785
Tensile Strength, Ultimate	517 MPa	75000 psi	ASTM D638
Tensile Modulus	86.2 GPa	12500 ksi	ASTM D638
Flexural Strength	662 MPa	96000 psi	ASTM D790
Flexural Modulus	55.2 GPa	8000 ksi	Tangent; ASTM D790
Compressive Strength	206 MPa	29900 psi	ASTM D695
Izod Impact, Notched	10.7 J/cm	20.0 ft-lb/in	ASTM D256
Taber Abrasion, mg/1000 Cycles	0.030	0.030	% Loss 1000 Cycles; FTMS1091

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	>= 204 °C	>= 400 °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