

Applied Composites 8038 Polyester SMC

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

Material Notes:

Industry Application: Transportation
Product Application: Mass Transit
Distinct Features: Low Smoke Construction and Mass Transit,
Oxygen Matex 80+, E84-61 Tunnel
Information provided by Applied Composites Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Applied-Composites-8038-Polyester-SMC.php

Physical Properties	Metric	English	Comments
Density	2.01 g/cc	0.0726 lb/in ³	ASTM D792
Water Absorption	0.20 %	0.20 %	ASTM D570
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	Cold Part VS Cold Tool; ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	60	60	ASTM D2583
Tensile Strength, Ultimate	75.8 MPa	11000 psi	ASTM D638
Tensile Modulus	12.4 GPa	1800 ksi	ASTM D638
Flexural Strength	172 MPa	25000 psi	ASTM D790
Flexural Modulus	10.3 GPa	1500 ksi	Tangent; ASTM D790
Compressive Strength	165 MPa	24000 psi	ASTM D695
Izod Impact, Notched	5.34 J/cm	10.0 ft-lb/in	ASTM D256
Taber Abrasion, mg/1000 Cycles	0.40	0.40	% Loss 1000 Cycles; FTMS1091

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