

Haysite 43000 Polyester SMC, 22% Glass Reinforced

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

Material Notes:

The 43000 series sheet molding compound is a general purpose material. Designed for compression molding, this grade exhibits good mechanical properties and resistance to mild corrosive agents.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Haysite-43000-Polyester-SMC-22-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.78 g/cc	0.0643 lb/in ³	ASTM D572
Water Absorption	0.20 %	0.20 %	ASTM D570
Linear Mold Shrinkage	0.0015 cm/cm	0.0015 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	69.0 MPa	10000 psi	
Flexural Strength	172 MPa	24900 psi	
Compressive Strength	103 MPa	14900 psi	
Izod Impact, Notched	8.00 J/cm	15.0 ft-lb/in	edgewise; ASTM D256

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	130 Â°C	266 Â°F	temperature rating

Electrical Properties	Metric	English	Comments
Dielectric Constant	4.6	4.6	ASTM D150
	@Frequency 60 Hz	@Frequency 60 Hz	
Dielectric Strength	15.0 kV/mm	381 kV/in	Perpendicular (ASTM D149), Short Time
Dissipation Factor	0.0030	0.0030	ASTM D150
	@Frequency 60 Hz	@Frequency 60 Hz	
Arc Resistance	140 sec	140 sec	ASTM D495

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