

Haysite 30000 Polyester BMC, 15% Glass Reinforced

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

Material Notes:

Haysite 30000 series bulk molding compound is a general purpose material. This compound can be compression, transfer, or injection molded. This material has good mechanical properties and can be pigmented to a wide range of industrial colors.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Haysite-30000-Polyester-BMC-15-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.70 g/cc	0.0614 lb/in ³	ASTM D572
Water Absorption	0.070 %	0.070 %	ASTM D570
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	55.0 MPa	7980 psi	
Flexural Strength	103 MPa	14900 psi	
Compressive Strength	103 MPa	14900 psi	
Izod Impact, Notched	3.70 J/cm	6.93 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 Strength	16.0 kV/mm	406 kV/in	Perpendicular (ASTM D149), Short Time
Arc Resistance	180 sec	180 sec	ASTM D495

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