

## Haysite 24500 Vinyl Ester BMC, 20% Glass Reinforced

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

### Material Notes:

The 24500 series bulk molding compound offers good mechanical performance and excellent resistance to corrosive agents. This grade is formulated with a vinyl ester resin system and can be compression, transfer, or injection molded.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Haysite-24500-Vinyl-Ester-BMC-20-Glass-Reinforced.php](http://www.lookpolymers.com/polymer_Haysite-24500-Vinyl-Ester-BMC-20-Glass-Reinforced.php)

Physical Properties	Metric	English	Comments
Density	1.77 g/cc	0.0639 lb/in <sup>3</sup>	ASTM D572
Water Absorption	0.29 %	0.29 %	ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	48.0 MPa	6960 psi	
Flexural Strength	159 MPa	23100 psi	
Compressive Strength	145 MPa	21000 psi	
Izod Impact, Notched	5.90 J/cm	11.1 ft-lb/in	edgewise; ASTM D256

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

Electrical Properties	Metric	English	Comments
Dielectric Strength	15.0 kV/mm	381 kV/in	Perpendicular (ASTM D149), Short Time
Arc Resistance	187 sec	187 sec	ASTM D495

## Contact Songhan Plastic Technology Co.,Ltd.

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