

## Bulk Molding Compounds BMC 8005 Polyester Molding Compound

Category : Polymer , Thermoset , Polyester, TS , Thermoset Polyester Glass and Mineral Filled BMC

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Bulk-Molding-Compounds-BMC-8005-Polyester-Molding-Compound.php](http://www.lookpolymers.com/polymer_Bulk-Molding-Compounds-BMC-8005-Polyester-Molding-Compound.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.00 g/cc	2.00 g/cc	
Water Absorption	<= 0.16 %	<= 0.16 %	24 hours, 23°C
Linear Mold Shrinkage	<= 0.0010 cm/cm	<= 0.0010 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	50 - 65	50 - 65	
Tensile Strength, Ultimate	48.3 - 62.1 MPa	7000 - 9000 psi	
Flexural Strength	138 - 172 MPa	20000 - 25000 psi	
Compressive Strength	172 - 207 MPa	25000 - 30000 psi	
Izod Impact, Notched	2.14 - 3.20 J/cm	4.00 - 6.00 ft-lb/in	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	>= 260 °C	>= 500 °F	
Flammability, UL94	HB	HB	

Electrical Properties	Metric	English	Comments
Dielectric Strength	15.2 - 16.9 kV/mm	385 - 430 kV/in	Short Time
Arc Resistance	>= 180 sec	>= 180 sec	

Processing Properties	Metric	English	Comments
Mold Temperature	138 - 166 °C	280 - 330 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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