

Bulk Molding Compounds BMC 6605A Polyester Molding Compound

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

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Bulk-Molding-Compounds-BMC-6605A-Polyester-Molding-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.85 g/cc	1.85 g/cc	
Water Absorption	<= 0.10 %	<= 0.10 %	24 hours, 23°C
Linear Mold Shrinkage	0.0013 - 0.0035 cm/cm	0.0013 - 0.0035 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	23 - 25	23 - 25	
Tensile Strength, Ultimate	48.3 - 62.1 MPa	7000 - 9000 psi	
Flexural Strength	103 - 138 MPa	15000 - 20000 psi	
Compressive Strength	138 - 172 MPa	20000 - 25000 psi	
Izod Impact, Notched	1.60 - 2.67 J/cm	3.00 - 5.00 ft-lb/in	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	>= 204 °C	>= 400 °F	
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Dielectric Strength	15.7 - 17.3 kV/mm	400 - 440 kV/in	Short Time
Arc Resistance	>= 180 sec	>= 180 sec	

Processing Properties	Metric	English	Comments
Mold Temperature	104 - 138 °C	220 - 280 °F	

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