

Bulk Molding Compounds BMC T70 Automotive Grade Molding compound

Category : Polymer , Thermoset , Polyester , TS , Polyester (Thermoset) - Rigid

Material Notes:

BMC T70 is a low profile automotive grade molding compound specifically formulated for the vacuum metallization process. These compounds have excellent physical properties as well as superior adhesion characteristics. Typical applications are automotive headlamps and fog lamp reflectors. Information provided by Bulk Molding Compounds, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Bulk-Molding-Compounds-BMC-T70-Automotive-Grade-Molding-compound.php

Physical Properties	Metric	English	Comments
Density	1.87 - 2.07 g/cc	0.0676 - 0.0748 lb/in ³	Molded
Linear Mold Shrinkage	0.00030 - 0.0010 cm/cm	0.00030 - 0.0010 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	50 - 60	50 - 60	
Tensile Strength	56.5 - 70.3 MPa	8200 - 10200 psi	
Flexural Strength	141 - 169 MPa	20500 - 24500 psi	
Flexural Modulus	12.4 - 13.8 GPa	1800 - 2000 ksi	
Compressive Strength	150 - 177 MPa	21700 - 25700 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)	218 - 260 °C	425 - 500 °F	
Flammability, UL94	HB	HB	This product is not currently UL listed.

Electrical Properties	Metric	English	Comments
Dielectric Strength	14.4 - 16.4 kV/mm	366 - 416 kV/in	short time
Arc Resistance	>= 184 sec	>= 184 sec	

Processing Properties	Metric	English	Comments
Processing Temperature	143 - 171 °C	290 - 340 °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