

Bulk Molding Compounds BMC T10(14) General Purpose Molding Compound

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

Material Notes:

BMC T10(14) is a general purpose, low shrink molding compound. Due to the excellent flow and controlled reactivity, BMC T10(14) is well suited for injection, transfer or compression molding of intricate parts. Typical applications are circuit breakers, insulators, bobbins and electrical connectors. Information provided by Bulk Molding Compounds, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Bulk-Molding-Compounds-BMC-T1014-General-Purpose-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	0.0017 - 0.0022 cm/cm	0.0017 - 0.0022 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	30 - 40	30 - 40	
Tensile Strength	57.2 - 71.0 MPa	8300 - 10300 psi	
Flexural Strength	116 - 143 MPa	16800 - 20800 psi	
Flexural Modulus	8.96 - 10.3 GPa	1300 - 1500 ksi	
Compressive Strength	162 - 190 MPa	23500 - 27500 psi	
Izod Impact, Notched	2.78 - 3.84 J/cm	5.20 - 7.20 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	13.8 - 15.8 kV/mm	351 - 401 kV/in	short time
Arc Resistance	>= 181 sec	>= 181 sec	
Comparative Tracking Index	>= 500 V	>= 500 V	

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