Bulk Molding Compounds BMC T60-6002A-WG Wear Resistant Molding Compound

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

Material Notes:

BMC T60-6002A-WG is a wear resistant molding compound specifically formulated for applications that require excellent abrasion resistance. Due to its low specific gravity it has substantial cost per cubic inch savings. BMC T60-6002A-WG can be injection, transfer and compression molded. It is UL listed and is typically used in power distribution equipment, switching components/relays, constant use switch applications and circuit protection breakers.Information provided by Bulk Molding Compounds, Inc.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Bulk-Molding-Compounds-BMC-T60-6002A-WG-Wear-Resistant-Molding-Compound.php

Physical Properties	Metric	English	Comments
Density	1.62 - 1.82 g/cc	0.0585 - 0.0658 lb/in³	Molded
Linear Mold Shrinkage	0.0015 - 0.0025 cm/cm	0.0015 - 0.0025 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Barcol	20 - 25	20 - 25	
Tensile Strength	45.5 - 59.3 MPa	6600 - 8600 psi	
Flexural Strength	170 - 193 MPa	24700 - 28000 psi	
Flexural Modulus	11.7 - 13.1 GPa	1700 - 1900 ksi	
Compressive Strength	87.6 - 115 MPa	12700 - 16700 psi	
Izod Impact, Notched	3.31 - 4.38 J/cm	6.20 - 8.20 ft-lb/in	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	>= 260 °C	>= 500 °F	
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Dielectric Strength	14.2 - 16.2 kV/mm	361 - 411 kV/in	short time
Arc Resistance	>= 188 sec	>= 188 sec	
Comparative Tracking Index	>= 500 V	>= 500 V	

Processing Properties	Metric	English	Comments

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

Contact Songhan Plastic Technology Co.,Ltd.

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