

Gromax BFG45-B100N1 Nylon 6 46% Glass Filled (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 50% Glass Fiber Filled

Material Notes:

Information provided by Gromax Enterprises Corp.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gromax-BFG45-B100N1-Nylon-6-46-Glass-Filled-Conditioned.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.60 g/cc	1.60 g/cc	ISO 1183
Moisture Absorption	0.800 %	0.800 %	ISO 62
Maximum Moisture Content	0.10	0.10	Karl Fischer

Thermal Properties	Metric	English	Comments
Melting Point	220 Â°C	428 Â°F	10Â°C/min; ISO 11357-1,-3
Deflection Temperature at 0.46 MPa (66 psi)	226 Â°C	439 Â°F	ISO 75-1,-2
Deflection Temperature at 1.8 MPa (264 psi)	216 Â°C	421 Â°F	ISO 75-1,-2
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Processing Properties	Metric	English	Comments
Melt Temperature	280 - 300 Â°C	536 - 572 Â°F	ISO 294
Mold Temperature	80.0 - 120 Â°C	176 - 248 Â°F	ISO 294
Drying Temperature	80.0 Â°C	176 Â°F	
Dry Time	2.00 - 6.00 hour	2.00 - 6.00 hour	

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