

## Gromax BFG30-BN00B2 Nylon 6 33% Glass Filled (Dry)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 30% Glass Fiber Filled

### Material Notes:

Information provided by Gromax Enterprises Corp.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Gromax-BFG30-BN00B2-Nylon-6-33-Glass-Filled-Dry.php](http://www.lookpolymers.com/polymer_Gromax-BFG30-BN00B2-Nylon-6-33-Glass-Filled-Dry.php)

Physical Properties	Metric	English	Comments
Maximum Moisture Content	0.10	0.10	Karl Fischer
Linear Mold Shrinkage, Flow	0.0030 cm/cm @Temperature 80.0 Â°C	0.0030 in/in @Temperature 176 Â°F	60x60x2 mm; ISO 294-4
Linear Mold Shrinkage, Transverse	0.0070 cm/cm @Temperature 80.0 Â°C	0.0070 in/in @Temperature 176 Â°F	60x60x2 mm; ISO 294-4
Melt Flow	55 g/10 min @Load 5.00 kg, Temperature 275 Â°C	55 g/10 min @Load 11.0 lb, Temperature 527 Â°F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	92	92	[N/mm<sup>2</sup>]; ISO 7619
Tensile Strength	147 MPa	21300 psi	50 mm/min; ISO 527-1,-2
Elongation at Break	3.5 %	3.5 %	50 mm/min; ISO 527
Flexural Strength	250 MPa	36300 psi	5 mm/min; ISO 178
Flexural Modulus	7.55 GPa	1100 ksi	5 mm/min; ISO 178
Izod Impact, Notched (ISO)	10.3 kJ/mÂ²	4.90 ft-lb/inÂ²	ISO 180-1A
Charpy Impact Unnotched	6.72 J/cmÂ² @Temperature 23.0 Â°C	32.0 ft-lb/inÂ² @Temperature 73.4 Â°F	ISO 179-1eU
Charpy Impact, Notched	1.06 J/cmÂ² @Temperature 23.0 Â°C	5.04 ft-lb/inÂ² @Temperature 73.4 Â°F	ISO 179-1A

Thermal Properties	Metric	English	Comments
Melting Point	220 Â°C	428 Â°F	10Â°C/min; ISO 11357-1,-3

Thermal Properties <small>Stress at 1.8 MPa (264 psi)</small>	Metric	English	Comments
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Processing Properties	Metric	English	Comments
Melt Temperature	270 - 290 Â°C	518 - 554 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	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China