

## Gromax BFG30-FU03B3 Nylon 6 32.9% 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-FU03B3-Nylon-6-329-Glass-Filled-Dry.php](http://www.lookpolymers.com/polymer_Gromax-BFG30-FU03B3-Nylon-6-329-Glass-Filled-Dry.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.37 g/cc	1.37 g/cc	ISO 1183
Maximum Moisture Content	0.10	0.10	Karl Fischer
Melt Flow	41.1 g/10 min @Load 5.00 kg, Temperature 275 Â°C	41.1 g/10 min @Load 11.0 lb, Temperature 527 Â°F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength	164.9 MPa	23920 psi	50 mm/min; ISO 527-1,-2
Elongation at Break	3.2 %	3.2 %	50 mm/min; ISO 527
Flexural Strength	263 MPa	38100 psi	5 mm/min; ISO 178
Flexural Modulus	9.75 GPa	1410 ksi	5 mm/min; ISO 178
Izod Impact, Notched (ISO)	117.4 kJ/mÂ²	55.86 ft-lb/inÂ²	ISO 180-1A

Thermal Properties	Metric	English	Comments
Melting Point	220 Â°C	428 Â°F	10Â°C/min; ISO 11357-1,-3
Deflection Temperature at 1.8 MPa (264 psi)	209.1 Â°C	408.4 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	265 - 280 Â°C	509 - 536 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.**

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