

## Gromax CFG30-QN11N1 Nylon 6 30% 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-CFG30-QN11N1-Nylon-6-30-Glass-Filled-Dry.php](http://www.lookpolymers.com/polymer_Gromax-CFG30-QN11N1-Nylon-6-30-Glass-Filled-Dry.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.36 g/cc	1.36 g/cc	ISO 1183
Moisture Absorption	0.900 %	0.900 %	ISO 62
Maximum Moisture Content	0.10	0.10	Karl Fischer
Linear Mold Shrinkage, Flow	0.0030 cm/cm @Temperature 80.0 °C	0.0030 in/in @Temperature 176 °F	60x60x2 mm; ISO 294-4
Linear Mold Shrinkage, Transverse	0.0070 cm/cm @Temperature 80.0 °C	0.0070 in/in @Temperature 176 °F	60x60x2 mm; ISO 294-4

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	84	84	[N/mm <sup>2</sup> ]; ISO 7619
Tensile Strength	163 MPa	23600 psi	50 mm/min; ISO 527
Elongation at Break	3.6 %	3.6 %	50 mm/min; ISO 527
Flexural Strength	246 MPa	35700 psi	5 mm/min; ISO 178
Flexural Modulus	8.04 GPa	1170 ksi	5 mm/min; ISO 178
Izod Impact, Notched (ISO)	14.7 kJ/m <sup>2</sup>	6.99 ft-lb/in <sup>2</sup>	ISO 180-1A
Charpy Impact Unnotched	8.00 J/cm <sup>2</sup> @Temperature 23.0 °C	38.1 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179-1eU
Charpy Impact, Notched	1.60 J/cm <sup>2</sup> @Temperature 23.0 °C	7.61 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179-1A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	230 °C	446 °F	ISO 75-1,-2
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

<b>Thermal Properties</b>	<b>Metric</b>	<b>English</b>	<b>Comments</b>
<b>Processing Properties</b>	<b>Metric</b>	<b>English</b>	<b>Comments</b>
Melt Temperature	266 - 280 °C	511 - 536 °F	ISO 294
Mold Temperature	80.0 - 120 °C	176 - 248 °F	ISO 294
Drying Temperature	80.0 °C	176 °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