

## Gromax BFG30-BN00N1 Nylon 6 30% Glass Filled (Conditioned)

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-BN00N1-Nylon-6-30-Glass-Filled-Conditioned.php](http://www.lookpolymers.com/polymer_Gromax-BFG30-BN00N1-Nylon-6-30-Glass-Filled-Conditioned.php)

| Physical Properties      | Metric    | English   | Comments     |
|--------------------------|-----------|-----------|--------------|
| Specific Gravity         | 1.35 g/cc | 1.35 g/cc | ISO 1183     |
| Moisture Absorption      | 0.900 %   | 0.900 %   | 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) | 220 Â°C                  | 428 Â°F                    | ISO 75-1,-2               |
| Deflection Temperature at 1.8 MPa (264 psi) | 210 Â°C                  | 410 Â°F                    | ISO 75-1,-2               |
| Flammability, UL94                          | HB<br>@Thickness 1.60 mm | HB<br>@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.

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