

## Gromax BFM40-DL04N1 Nylon 6 40% Mineral Filled (Dry)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 40% Mineral Filled

### Material Notes:

Information provided by Gromax Enterprises Corp.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Gromax-BFM40-DL04N1-Nylon-6-40-Mineral-Filled-Dry.php](http://www.lookpolymers.com/polymer_Gromax-BFM40-DL04N1-Nylon-6-40-Mineral-Filled-Dry.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
Linear Mold Shrinkage, Flow	0.0020 cm/cm	0.0020 in/in	60x60x2 mm; ISO 294-4
Linear Mold Shrinkage, Transverse	0.0030 cm/cm	0.0030 in/in	60x60x2 mm; ISO 294-4

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	2.0	2.0	[N/mm <sup>2</sup> ]; ISO 7619
Tensile Strength	98.1 MPa	14200 psi	50 mm/min; ISO 527-1,-2
Elongation at Break	2.8 %	2.8 %	50 mm/min; ISO 527
Flexural Strength	190 MPa	27600 psi	5 mm/min; ISO 178
Flexural Modulus	7.55 GPa	1100 ksi	5 mm/min; ISO 178
Izod Impact, Notched (ISO)	4.00 kJ/m <sup>2</sup>	1.90 ft-lb/in <sup>2</sup>	ISO 180-1A
Charpy Impact Unnotched	6.60 J/cm <sup>2</sup> @Temperature 23.0 °C	31.4 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179-1eU
Charpy Impact, Notched	0.460 J/cm <sup>2</sup> @Temperature 23.0 °C	2.19 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179-1A

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	10°C/min; ISO 11357-1,-3
Deflection Temperature at 1.8 MPa (264 psi)	196 °C	385 °F	ISO 75-1,-2
Flammability, UL94	HB	HB	

Thermal Properties	@Thickness 1.60 mm Metric	@Thickness 0.0630 in English	Comments
Melt Temperature	266 - 280 Â°C	511 - 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.

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