

## Unitika B2040G33 PA66, 33% Glass Fiber Reinforced, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

**Material Notes:**

Information provided by Unitika Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Unitika-B2040G33-PA66-33-Glass-Fiber-Reinforced-Conditioned.php](http://www.lookpolymers.com/polymer_Unitika-B2040G33-PA66-33-Glass-Fiber-Reinforced-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.39 g/cc	0.0502 lb/in <sup>3</sup>	ISO 1183
Moisture Absorption at Equilibrium	1.7 %	1.7 %	50% RH; ISO 62
Linear Mold Shrinkage, Flow	0.0030 cm/cm @Thickness 3.20 mm	0.0030 in/in @Thickness 0.126 in	
Linear Mold Shrinkage, Transverse	0.0080 cm/cm @Thickness 3.20 mm	0.0080 in/in @Thickness 0.126 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	125 MPa	18100 psi	ISO 527-1/-2
Elongation at Break	4.0 %	4.0 %	ISO 527-1/-2
Tensile Modulus	6.70 GPa	972 ksi	ISO 527-1/-2
Flexural Strength	190 MPa	27600 psi	ISO 178
Flexural Modulus	6.50 GPa	943 ksi	ISO 178
Charpy Impact Unnotched	8.00 J/cm <sup>2</sup>	38.1 ft-lb/in <sup>2</sup>	ISO 179-1
Charpy Impact, Notched	1.40 J/cm <sup>2</sup>	6.66 ft-lb/in <sup>2</sup>	ISO 179-1

Thermal Properties	Metric	English	Comments
CTE, linear	40.0 μm/m-°C	22.2 μin/in-°F	ISO 11359-2

## 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