

## Diamond Polymers NYLON 6001GF33 33% Glass Filled Polyamide

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 30% Glass Fiber Filled

**Material Notes:**

Information Provided by Diamond Polymers, Inc. & Network Polymers, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Diamond-Polymers-NYLON-6001GF33-33-Glass-Filled-Polyamide.php](http://www.lookpolymers.com/polymer_Diamond-Polymers-NYLON-6001GF33-33-Glass-Filled-Polyamide.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.37 g/cc	1.37 g/cc	ASTM D792
Linear Mold Shrinkage	0.0040 cm/cm @Thickness 3.17 mm	0.0040 in/in @Thickness 0.125 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	157 MPa	22800 psi	ASTM D882
Elongation at Break	3.4 %	3.4 %	ASTM D882
Flexural Modulus	7.50 GPa	1090 ksi	ASTM D790
Izod Impact, Notched	0.980 J/cm @Thickness 3.17 mm, Temperature 23.0 °C	1.84 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	227 °C	441 °F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	219 °C	426 °F	0.125";; ASTM D648

### 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