

## Shinkong Synthetic Fibers Shinite® N601G30 Nylon 66, 30% Glass Filled

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

**Material Notes:**

Information from Shinkong Synthetic Fibers Corp.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Shinkong-Synthetic-Fibers-Shinite-N601G30-Nylon-66-30-Glass-Filled.php](http://www.lookpolymers.com/polymer_Shinkong-Synthetic-Fibers-Shinite-N601G30-Nylon-66-30-Glass-Filled.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	ASTM D792
Water Absorption	0.60 %	0.60 %	ASTM D570
Linear Mold Shrinkage, Flow	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	ASTM D955
Linear Mold Shrinkage, Transverse	0.012 - 0.015 cm/cm	0.012 - 0.015 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength	186 MPa	27000 psi	ASTM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Flexural Yield Strength	284 MPa	41200 psi	ASTM D790
Flexural Modulus	9.81 GPa	1420 ksi	ASTM D790
Izod Impact, Notched	1.18 J/cm @Thickness 3.17 mm, Temperature 23.0 Å°C	2.20 ft-lb/in @Thickness 0.125 in, Temperature 73.4 Å°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	230 Å°C	446 Å°F	ASTM D648
Flammability, UL94	HB	HB	

### Contact Songhan Plastic Technology Co.,Ltd.

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