

## Network Polymers Nylon 66G33L

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

**Material Notes:**

Description: Black Nylon Information provided by Network Polymers Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Network-Polymers-Nylon-66G33L.php](http://www.lookpolymers.com/polymer_Network-Polymers-Nylon-66G33L.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 g/cc	1.38 g/cc	ASTM D792
Water Absorption	0.70 %	0.70 %	24 hours Immersion; ASTM D570
Linear Mold Shrinkage, Flow	0.0020 cm/cm	0.0020 in/in	1/8 in bar; ASTM D955
Linear Mold Shrinkage, Transverse	0.0050 cm/cm	0.0050 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	99	99	ASTM D785
Tensile Strength at Break	200 MPa	29000 psi	ASTM D638
Elongation at Break	2.0 - 4.0 %	2.0 - 4.0 %	ASTM D638
Flexural Strength	283 MPa	41000 psi	ASTM D790
Flexural Modulus	9.31 GPa	1350 ksi	ASTM D790
Izod Impact, Notched	1.17 J/cm	2.20 ft-lb/in	1/8 in specimen; ASTM D256
Tensile Impact Strength	126 kJ/m <sup>2</sup>	60.0 ft-lb/in <sup>2</sup>	ASTM D1822

Thermal Properties	Metric	English	Comments
Melting Point	255 °C	491 °F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	250 °C	482 °F	0.125 in bar; ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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