

## Network Polymers NPP Nylon 66G13L

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66 , 10% Glass Fiber Filled

**Material Notes:**

Description: Nylon Information provided by Network Polymers Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Network-Polymers-NPP-Nylon-66G13L.php](http://www.lookpolymers.com/polymer_Network-Polymers-NPP-Nylon-66G13L.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	ASTM D792
Water Absorption	1.0 %	1.0 %	24 hours Immersion; ASTM D570
Linear Mold Shrinkage, Flow	0.0050 cm/cm	0.0050 in/in	1/8 in bar; ASTM D955
Linear Mold Shrinkage, Transverse	0.0090 cm/cm	0.0090 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	122	122	ASTM D785
Tensile Strength at Break	103 MPa	15000 psi	ASTM D638
Elongation at Break	2.0 - 4.0 %	2.0 - 4.0 %	ASTM D638
Flexural Strength	148 MPa	21500 psi	ASTM D790
Flexural Modulus	4.83 GPa	700 ksi	ASTM D790
Izod Impact, Notched	0.374 J/cm	0.700 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)	240 °C	464 °F	0.125 in bar; ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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