

## Network Polymers Nylon 6040

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, Unreinforced

**Material Notes:**

Description: Natural Nylon Information provided by Network Polymers Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Network-Polymers-Nylon-6040.php](http://www.lookpolymers.com/polymer_Network-Polymers-Nylon-6040.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.09 g/cc	1.09 g/cc	ASTM D792
Water Absorption	1.3 %	1.3 %	24 hours Immersion; ASTM D570
Linear Mold Shrinkage	0.011 - 0.015 cm/cm	0.011 - 0.015 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	35.9 MPa	5200 psi	ASTM D638
Elongation at Break	250 %	250 %	ASTM D638
Flexural Strength	43.4 MPa	6300 psi	ASTM D790
Flexural Modulus	0.827 GPa	120 ksi	ASTM D790
Izod Impact, Notched	2.14 J/cm	4.00 ft-lb/in	1/8 in specimen; ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	218 °C	424 °F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	43.3 °C	110 °F	0.125 in bar; ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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