

Network Polymers Nylon 6015 G33HSL

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

Material Notes:

High Impact Nylon (33% Glass Fiber) Information provided by Network Polymers Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Network-Polymers-Nylon-6015-G33HSL.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.37 g/cc	1.37 g/cc	ASTM D792
Water Absorption	1.0 %	1.0 %	Saturation; ASTM D570
Linear Mold Shrinkage	0.0020 - 0.0040 cm/cm	0.0020 - 0.0040 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	157 MPa	22800 psi	ASTM D638
Elongation at Break	4.0 - 5.0 %	4.0 - 5.0 %	ASTM D638
Flexural Strength	193 MPa	28000 psi	ASTM D790
Flexural Modulus	7.58 GPa	1100 ksi	ASTM D790
Izod Impact, Notched	2.24 J/cm	4.20 ft-lb/in	1/8 in specimen; ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	216 °C	420 °F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	198 °C	388 °F	0.125 in bar; ASTM D648

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