

Lucent Polymers G66-33 Nylon 66, 33% Glass Fiber Reinforced

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

Material Notes:Add "H" for Heat Stabilized Add "HU" for Weatherable
Typical Properties, Dry as Molded
Information provided by Lucent Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucent-Polymers-G66-33-Nylon-66-33-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 g/cc	1.38 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0040 cm/cm @Thickness 3.17 mm	0.0040 in/in @Thickness 0.125 in	1/8" Section

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	137.93 MPa	20005 psi	ASTM D638
Elongation at Break	>= 3.0 %	>= 3.0 %	ASTM D638
Flexural Strength	220.69 MPa	32008 psi	ASTM D790
Flexural Modulus	7.586 GPa	1100 ksi	ASTM D790
Izod Impact, Notched	0.641 J/cm @Thickness 3.17 mm, Temperature 22.8 Â°C	1.20 ft-lb/in @Thickness 0.125 in, Temperature 73.0 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	250 - 265 Â°C	482 - 509 Â°F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	243.33 Â°C	469.99 Â°F	ASTM D648

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