

Lucent Polymers 66-01 Nylon 66, General Purpose, Injection Grade

Category : Polymer , Thermoplastic , Nylon , Nylon 66

Material Notes:

Add "R" for Added ReleaseAdd "HU" for WeatherableTypical Properties, Dry as MoldedInformation provided by Lucent Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucent-Polymers-66-01-Nylon-66-General-Purpose-Injection-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.014 cm/cm @Thickness 3.17 mm	0.014 in/in @Thickness 0.125 in	1/8" Section

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	75.86 MPa	11000 psi	ASTM D638
Elongation at Break	>= 20 %	>= 20 %	ASTM D638
Flexural Strength	110.34 MPa	16003 psi	ASTM D790
Flexural Modulus	2.828 GPa	410.1 ksi	ASTM D790
Izod Impact, Notched	0.427 J/cm @Thickness 3.17 mm, Temperature 22.8 Â°C	0.800 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)	85.0 Â°C	185 Â°F	ASTM D648

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