

BASF Ultramid® N-333 NF3001 33% Glass Filled PA66 (Dry)

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

Material Notes:

Ultramid N-333 NF3001 is a 33% glass reinforced, heat stabilized, injection molding PA66 uncolored.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultramid-N-333-NF3001-33-Glass-Filled-PA66-Dry.php

Physical Properties	Metric	English	Comments
Density	1.39 g/cc	0.0502 lb/in ³	ISO 1183
Water Absorption	5.7 %	5.7 %	ISO 62
Moisture Absorption at Equilibrium	1.7 %	1.7 %	23°C/50% R.H.; ISO 62

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	195 MPa	28300 psi	5mm/min; ISO 527
Elongation at Break	3.0 %	3.0 %	5mm/min; ISO 527
Tensile Modulus	11.0 GPa	1600 ksi	1mm/min; ISO 527
Flexural Modulus	9.60 GPa	1390 ksi	ISO Data
Izod Impact, Notched (ISO)	12.0 kJ/m ²	5.71 ft-lb/in ²	ISO Test
Charpy Impact, Notched	1.20 J/cm ²	5.71 ft-lb/in ²	ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	262 °C	504 °F	10 K/min
Deflection Temperature at 1.8 MPa (264 psi)	255 °C	491 °F	ISO 75

Descriptive Properties	Value	Comments
Color	Natural	
Commercial Status	Active America	
Impact Modified	No	
Primary Processing Technique	Injection Molding	

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