

BASF Ultramid® 66 H2 G/25-V0KB1 NAT 0046 PA66 (Dry)

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

Material Notes:

Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultramid-66-H2-G25-V0KB1-NAT-0046-PA66-Dry.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	145 MPa	21000 psi	ISO 527
Elongation at Break	2.4 %	2.4 %	ISO 527
Flexural Modulus	7.90 GPa	1150 ksi	ISO 178
Izod Impact, Notched (ISO)	7.70 kJ/m ²	3.66 ft-lb/in ²	ISO 180
Charpy Impact, Notched	0.850 J/cm ²	4.04 ft-lb/in ²	ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	245 °C	473 °F	ISO 75

Processing Properties	Metric	English	Comments
Melt Temperature	285 - 300 °C	545 - 572 °F	
Mold Temperature	80.0 - 90.0 °C	176 - 194 °F	
Dry Time	2 - 4 hour	2 - 4 hour	
Moisture Content	<= 0.050 %	<= 0.050 %	

Descriptive Properties	Value	Comments
Color	NAT 0046	
Commercial Status	North America	

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