

BASF Ultramid® B3WG3 15% Glass Filled PA6 (Dry)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 20% Glass Fiber Filled

Material Notes:

Description: Ultramid B3WG3 is a 15% glass fiber reinforced, heat stabilized injection molding PA6 grade. Information provided by BASF

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultramid-B3WG3-15-Glass-Filled-PA6-Dry.php

Mechanical Properties	Metric	English	Comments
Flexural Modulus	5.40 GPa	783 ksi	ISO 178
Izod Impact, Notched (ISO)	5.60 kJ/m ²	2.66 ft-lb/in ²	ISO 180

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	ISO 3146
UL RTI, Electrical	130 °C @Thickness 1.50 mm	266 °F @Thickness 0.0591 in	746B
UL RTI, Mechanical with Impact	85.0 °C @Thickness 1.50 mm	185 °F @Thickness 0.0591 in	746B
UL RTI, Mechanical without Impact	130 °C @Thickness 1.50 mm	266 °F @Thickness 0.0591 in	746B
Flammability, UL94	HB @Thickness 1.50 mm	HB @Thickness 0.0591 in	

Processing Properties	Metric	English	Comments
Melt Temperature	250 - 290 °C	482 - 554 °F	
Mold Temperature	80.0 - 95.0 °C	176 - 203 °F	
Dry Time	2 - 4 hour	2 - 4 hour	

Descriptive Properties	Value	Comments
Commercial Status	North America	

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