

BASF Ultramid® B3WG6 BK00564 BGVW 30% Glass Filled PA6 (Conditioned)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 30% Glass Fiber Filled

Material Notes:

Ultramid B3WG6 BK00564 BGVW is a 30% glass fiber reinforced, pigmented black, heat stabilized injection molding PA6 grade.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultramid-B3WG6-BK00564-BGVW-30-Glass-Filled-PA6-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in ³	dry; ISO 1183
Water Absorption	2.1 %	2.1 %	24 hour; ISO Test
	6.6 %	6.6 %	beginning dry; ISO 62
Moisture Absorption at Equilibrium	2.1 %	2.1 %	beginning dry (23°C/50% R.H.); ISO 62
Viscosity Test	140 cm ³ /g	140 cm ³ /g	Viscosity number
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM Data; MD

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	110 MPa	16000 psi	0.2 in/min; ASTM Test
Tensile Modulus	6.38 GPa	925 ksi	ASTM Test
Izod Impact, Notched	2.56 J/cm @Thickness 3.17 mm	4.80 ft-lb/in @Thickness 0.125 in	ASTM Test

Thermal Properties	Metric	English	Comments
Melting Point	220 °C	428 °F	10 K/min
	220 °C	428 °F	ASTM Test

Descriptive Properties	Value	Comments
Color	BK00564 BGVW	
Commercial Status	North America and Europe	
Impact Modified	No	
Primary Processing Technique	Injection Molding	

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