

BASF Ultramid® 8333G HI HS BK-102 33% Glass Filled PA6 (Conditioned)

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

Material Notes:

Ultramid 8333G HI HS BK-102 is a 33% glass reinforced, heat stabilized, impact modified, pigmented black, PA6 injection molding compound developed for applications requiring improved dry as molded toughness in combination with a balance of strength, stiffness and excellent moldability/surface aesthetics. It is also available in heat stabilized (Ultramid 8333G HI HS) and/or pigmented versions.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultramid-8333G-HI-HS-BK-102-33-Glass-Filled-PA6-Conditioned.php

Physical Properties	Metric	English	Comments
Density	1.34 g/cc	0.0484 lb/in ³	dry; ISO 1183
Water Absorption	0.90 %	0.90 %	24 hour; ISO Test
	5.5 %	5.5 %	beginning dry; ISO 62
Moisture Absorption at Equilibrium	1.5 %	1.5 %	beginning dry (23°C/50% R.H.); ISO 62
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM Data; MD

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	90.0 MPa	13100 psi	0.2 in/min; ASTM Test
Tensile Strength, Ultimate	90.0 MPa	13100 psi	5mm/min; ISO 527
Elongation at Break	6.0 %	6.0 %	5mm/min; ISO 527
Tensile Modulus	4.61 GPa	669 ksi	1mm/min; ISO 527
Flexural Strength	120 MPa	17400 psi	ISO Data
Flexural Modulus	5.03 GPa	730 ksi	ISO Data

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	BK-102	
Commercial Status	Active America	
Impact Modified	Yes	

Descriptive Properties	Value on Molding	Comments
UL-UL-C	Yes	

Contact Songhan Plastic Technology Co.,Ltd.

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