

BASF Ultradur B 2300 G6 HR BK15116 30% Glass Filled PBT

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), 30% Glass Fiber Filled

Material Notes:

Ultradur B 2300 G6 HR BK15116 is a hydrolysis resistant, pigmented black 30% fiberglass reinforced PBT, exhibiting superior flow characteristics. Designed for improved latch strength in automotive connectors.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultradur-B-2300-G6-HR-BK15116-30-Glass-Filled-PBT.php

Physical Properties	Metric	English	Comments
Density	1.52 g/cc	0.0549 lb/in ³	ISO 1183
Viscosity Test	92 cm ³ /g	92 cm ³ /g	Viscosity number

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	140 MPa	20300 psi	5mm/min; ISO 527
Elongation at Break	3.2 %	3.2 %	5mm/min; ISO 527
Flexural Strength	212 MPa	30700 psi	ISO Data
Flexural Modulus	8.00 GPa	1160 ksi	ISO Data
Charpy Impact Unnotched	7.40 J/cm ²	35.2 ft-lb/in ²	ISO 179
Charpy Impact, Notched	1.10 J/cm ²	5.24 ft-lb/in ²	ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	223 °C	433 °F	10 K/min
	223 °C	433 °F	ASTM Test

Descriptive Properties	Value	Comments
Color	BK15116	
Commercial Status	North America and Europe	
Impact Modified	No	
Primary Processing Technique	Injection Molding	

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