

BASF Ultradur B 4300 G6 LS BK15073 30% Glass Filled PBT

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

Material Notes:

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Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultradur-B-4300-G6-LS-BK15073-30-Glass-Filled-PBT.php

Physical Properties	Metric	English	Comments
Density	1.53 g/cc	0.0553 lb/in ³	ISO 1183
Water Absorption	0.20 %	0.20 %	24 hour; ISO Test
	0.40 %	0.40 %	ISO 62
Moisture Absorption at Equilibrium	0.20 %	0.20 %	23°C/50% R.H.; ISO 62
Viscosity Test	101 cm ³ /g	101 cm ³ /g	Viscosity number

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	135 MPa	19600 psi	5mm/min; ISO 527
Elongation at Break	2.7 %	2.7 %	5mm/min; ISO 527
Flexural Modulus	8.60 GPa	1250 ksi	ISO Data
Izod Impact, Notched (ISO)	8.00 kJ/m ²	3.81 ft-lb/in ²	ISO Test

Thermal Properties	Metric	English	Comments
Melting Point	223 °C	433 °F	10 K/min
	223 °C	433 °F	ASTM Test
Deflection Temperature at 1.8 MPa (264 psi)	206 °C	403 °F	ISO 75

Descriptive Properties	Value	Comments
Color	BK15073	
Commercial Status	North America and Europe	
Impact Modified	No	
Primary Processing Technique	Injection Molding	
Special characteristic	Heat stabilized or stable to heat	

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