

BASF Ultradur B 4300 G2 LS High Speed BK15045 10% Glass Filled PBT

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), 10% Glass Fiber Filled

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultradur-B-4300-G2-LS-High-Speed-BK15045-10-Glass-Filled-PBT.php

Physical Properties	Metric	English	Comments
Density	1.38 g/cc	0.0499 lb/in ³	ISO 1183
Viscosity Test	104 cm ³ /g	104 cm ³ /g	Viscosity number
Melt Flow	35 g/10 min @Load 2.16 kg, Temperature 250 °C	35 g/10 min @Load 4.76 lb, Temperature 482 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	85.0 MPa	12300 psi	5mm/min; ISO 527
Elongation at Break	3.6 %	3.6 %	5mm/min; ISO 527
Tensile Modulus	4.56 GPa	661 ksi	1mm/min; ISO 527

Thermal Properties	Metric	English	Comments
Melting Point	223 °C	433 °F	10 K/min
Deflection Temperature at 0.46 MPa (66 psi)	215 °C	419 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	184 °C	363 °F	ISO 75

Descriptive Properties	Value	Comments
Color	BK15045	
Commercial Status	Active America	
Impact Modified	No	
Primary Processing Technique	Injection Molding	

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