

BASF Ultradur B 4300 G6 BKQ16 15007 PBT

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

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultradur-B-4300-G6-BKQ16-15007-PBT.php

Physical Properties	Metric	English	Comments
Density	1.53 g/cc	0.0553 lb/in ³	ISO 1183
Moisture Absorption at Equilibrium	0.12 %	0.12 %	23°C/50% R.H.; ISO 62
Viscosity Test	105 cm ³ /g	105 cm ³ /g	Viscosity number

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	130 MPa	18900 psi	5mm/min; ISO 527
Elongation at Break	3.0 %	3.0 %	5mm/min; ISO 527
Tensile Modulus	8.98 GPa	1300 ksi	1mm/min; ISO 527
Charpy Impact, Notched	0.730 J/cm ²	3.47 ft-lb/in ²	ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	223 °C	433 °F	10 K/min
Deflection Temperature at 1.8 MPa (264 psi)	203 °C	397 °F	ISO 75

Descriptive Properties	Value	Comments
Form	Pellets	
Special characteristic	Heat stabilized or stable to heat	

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