

BASF Ultradur B 4040 G4 LS High Speed BK15029 20% Glass Filled PBT/PET

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , PBT + PET Blend, Glass Filled , Polyethylene Terephthalate (PET)

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_BASF-Ultradur-B-4040-G4-LS-High-Speed-BK15029-20-Glass-Filled-PBTPET.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in ³	ISO 1183
Viscosity Test	86 cm ³ /g	86 cm ³ /g	Viscosity number
Melt Flow	65 g/10 min @Load 2.16 kg, Temperature 275 °C	65 g/10 min @Load 4.76 lb, Temperature 527 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	110 MPa	16000 psi	5mm/min; ISO 527
Elongation at Break	1.9 %	1.9 %	5mm/min; ISO 527
Tensile Modulus	7.50 GPa	1090 ksi	1mm/min; ISO 527
Charpy Impact Unnotched	2.60 J/cm ²	12.4 ft-lb/in ²	ISO 179
	2.40 J/cm ² @Temperature -30.0 °C	11.4 ft-lb/in ² @Temperature -22.0 °F	ISO 179
Charpy Impact, Notched	0.590 J/cm ²	2.81 ft-lb/in ²	ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	223 °C	433 °F	10 K/min
Deflection Temperature at 0.46 MPa (66 psi)	214 °C	417 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	180 °C	356 °F	ISO 75

Descriptive Properties	Value	Comments
Color	BK15029	
Commercial Status	Active America	
Impact Modified	No	

Primary Processing Technique Descriptive Properties	Injection Molding Value	Comments
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