

BASF Ultradur S 4090 G6 LS BK15077 30% Glass Filled 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-S-4090-G6-LS-BK15077-30-Glass-Filled-PBT.php

Physical Properties	Metric	English	Comments
Density	1.47 g/cc	0.0531 lb/in ³	ISO 1183
Water Absorption	0.40 %	0.40 %	ISO 62
Moisture Absorption at Equilibrium	0.20 %	0.20 %	23°C/50% R.H.; ISO 62
Viscosity Test	111 cm ³ /g	111 cm ³ /g	Viscosity number

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	120 MPa	17400 psi	5mm/min; ISO 527
Elongation at Break	2.3 %	2.3 %	5mm/min; ISO 527
Flexural Modulus	8.51 GPa	1230 ksi	ISO Data
Izod Impact, Notched (ISO)	7.00 kJ/m ²	3.33 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)	192 °C	378 °F	ISO 75

Descriptive Properties	Value	Comments
Color	BK15077	
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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