

## BASF Ultradur B 4406 G4 BKQ113 7110 20% Glass Filled PBT

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT) , Polybutylene Terephthalate (PBT), 20% Glass Fiber Filled

### Material Notes:

Ultradur B 4406 G4 BKQ113 7110 is an UL V0 injection molding, pigmented black, PBT grade with 20% glass fiber reinforcement.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_BASF-Ultradur-B-4406-G4-BKQ113-7110-20-Glass-Filled-PBT.php](http://www.lookpolymers.com/polymer_BASF-Ultradur-B-4406-G4-BKQ113-7110-20-Glass-Filled-PBT.php)

Physical Properties	Metric	English	Comments
Density	1.58 g/cc	0.0571 lb/in <sup>3</sup>	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

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	132 MPa	19100 psi	0.2 in/min; ASTM Test
Tensile Strength, Ultimate	130 MPa	18900 psi	5mm/min; ISO 527
Elongation at Break	2.4 %	2.4 %	5mm/min; ISO 527
	2.6 %	2.6 %	
Tensile Modulus	8.50 GPa	1230 ksi	1mm/min; ISO 527
Charpy Impact, Notched	0.900 J/cm <sup>2</sup>	4.28 ft-lb/in <sup>2</sup>	ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	223 °C	433 °F	10 K/min
	223 °C	433 °F	ASTM Test
Deflection Temperature at 0.46 MPa (66 psi)	193 °C	379 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	217 °C	423 °F	ISO 75

Descriptive Properties	Value	Comments
Color	BK7110	
Commercial Status	North America and Europe	
Form	Pellets	
Impact Modified	No	

Descriptive Properties	Technique	Value	on Molding	Comments
Processing		Injection Molding		
Special characteristic		Flame retarding agent		
		Heat stabilized or stable to heat		
		Light stabilized or stable to light		
		Lubricant		
		U.V. stabilized or stable to weather		

## Contact Songhan Plastic Technology Co.,Ltd.

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