

## Loxim 230 12HB Polybutylene Terephthalate

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

**Material Notes:**

Information provided by Loxim Industries

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Loxim-230-12HB-Polybutylene-Terephthalate.php](http://www.lookpolymers.com/polymer_Loxim-230-12HB-Polybutylene-Terephthalate.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.55 g/cc	1.55 g/cc	ASTM D792
Filler Content	30 %	30 %	
Linear Mold Shrinkage	0.0040 - 0.0070 cm/cm	0.0040 - 0.0070 in/in	ASTM D1299

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	90.0 MPa	13100 psi	ASTM D683
Elongation at Break	2.5 %	2.5 %	ASTM D638
Tensile Modulus	7.50 GPa	1090 ksi	ASTM D638
Flexural Modulus	7.00 GPa	1020 ksi	ASTM D790
Izod Impact, Notched	0.550 J/cm	1.03 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	215 - 220 Å°C	419 - 428 Å°F	ASTM D1525, HDT Method B
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

## Contact Songhan Plastic Technology Co.,Ltd.

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