

Loxim 230 01V0 Polybutylene Terephthalate

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

Material Notes:

Information provided by Loxim Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Loxim-230-01V0-Polybutylene-Terephthalate.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.65 - 1.70 g/cc	1.65 - 1.70 g/cc	ASTM D792
Filler Content	30 %	30 %	
Linear Mold Shrinkage	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	ASTM D1299

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	110 - 120 MPa	16000 - 17400 psi	ASTM D683
Elongation at Break	2.0 %	2.0 %	ASTM D638
Tensile Modulus	8.00 GPa	1160 ksi	ASTM D638
Flexural Modulus	7.00 GPa	1020 ksi	ASTM D790
Izod Impact, Notched	0.500 - 0.550 J/cm	0.937 - 1.03 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	210 - 215 Â°C	410 - 419 Â°F	ASTM D1525, HDT Method B
Flammability, UL94	V-0 @Thickness 1.60 mm	V-0 @Thickness 0.0630 in	

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