

Lucent Polymers GPB-130L Polybutylene Terephthalate, 30% Glass Fiber Reinforced

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

Material Notes:

Recycled ContentAdd "R" for Added ReleaseAdd "U" for UV StabilizerInformation provided by Lucent Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucent-Polymers-GPB-130L-Polybutylene-Terephthalate-30-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.50 g/cc	1.50 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0030 cm/cm	0.0030 in/in	1/8" Section
	@Thickness 3.17 mm	@Thickness 0.125 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	117.24 MPa	17004 psi	ASTM D638
Elongation at Break	>= 3.0 %	>= 3.0 %	ASTM D638
Flexural Strength	158.62 MPa	23006 psi	ASTM D790
Flexural Modulus	6.2069 GPa	900.24 ksi	ASTM D790
Izod Impact, Notched	0.694 J/cm	1.30 ft-lb/in	ASTM D256
	@Thickness 3.17 mm, Temperature 22.8 Â°C	@Thickness 0.125 in, Temperature 73.0 Â°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	151.67 Â°C	305.01 Â°F	ASTM D648

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