

Lucent Polymers GPCB-110 Polycarbonate+PBT, 10% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate/Polybutylene Terephthalate (PBT) Blend, Glass Filled , Polyester, TP , Polybutylene Terephthalate (PBT)

Material Notes:

Add "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-GPCB-110-PolycarbonatePBT-10-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 g/cc	1.30 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0050 cm/cm @Thickness 3.17 mm	0.0050 in/in @Thickness 0.125 in	1/8" Section
Melt Flow	15 g/10 min @Load 5.00 kg, Temperature 260 Â°C	15 g/10 min @Load 11.0 lb, Temperature 500 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	91.03 MPa	13200 psi	ASTM D638
Elongation at Break	>= 4.0 %	>= 4.0 %	ASTM D638
Flexural Strength	131.03 MPa	19004 psi	ASTM D790
Flexural Modulus	3.897 GPa	565.1 ksi	ASTM D790
Izod Impact, Notched	0.427 J/cm @Thickness 3.17 mm, Temperature 22.8 Â°C	0.800 ft-lb/in @Thickness 0.125 in, Temperature 73.0 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	116.67 Â°C	242.01 Â°F	ASTM D648

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