

Lucent Polymers GPCB-120 Polycarbonate+PBT, 20% 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-120-PolycarbonatePBT-20-Glass-Fiber-Reinforced.php

| Physical Properties | Metric | English | Comments |
|-----------------------------|--|--|--------------|
| Specific Gravity | 1.34 g/cc | 1.34 g/cc | ASTM D792 |
| Linear Mold Shrinkage, Flow | 0.0040 cm/cm @Thickness 3.17 mm | 0.0040 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 | 93.79 MPa | 13600 psi | ASTM D638 |
| Elongation at Break | >= 4.0 % | >= 4.0 % | ASTM D638 |
| Flexural Strength | 151.72 MPa | 22005 psi | ASTM D790 |
| Flexural Modulus | 4.00 GPa | 580 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) | 120 Â°C | 248 Â°F | ASTM D648 |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China