

Lucent Polymers GPC-0202 20 Polycarbonate, Glass Reinforced, Injection Grade

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, 20% Glass Filled

Material Notes:

Recycled ContentAdd "R" for Added ReleaseAdd "U" for UVÂ StabilizedInformation provided by Lucent Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucent-Polymers-GPC-0202-20-Polycarbonate-Glass-Reinforced-Injection-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 g/cc	1.35 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0030 cm/cm @Thickness 3.17 mm	0.0030 in/in @Thickness 0.125 in	1/8" Section

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	96.55 MPa	14000 psi	ASTM D638
Elongation at Break	>= 4.0 %	>= 4.0 %	ASTM D638
Flexural Strength	151.72 MPa	22005 psi	ASTM D790
Flexural Modulus	5.517 GPa	800.2 ksi	ASTM D790
Izod Impact, Notched	1.335 J/cm @Thickness 3.17 mm, Temperature 22.8 Â°C	2.501 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)	140.56 Â°C	285.01 Â°F	ASTM D648

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