

Lucent Polymers GPP-140 Polypropylene Homopolymer, 40% Glass Fiber Reinforced, Chemically Coupled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Glass Fiber Filler

Material Notes:

Melt Flow Adjustable for Application Add "U" for UV Stabilized Add "H" for Heat Stabilized Information provided by Lucent Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucent-Polymers-GPP-140-Polypropylene-Homopolymer-40-Glass-Fiber-Reinforced-Chemically-Coupled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 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	89.66 MPa	13000 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Strength	124.14 MPa	18005 psi	ASTM D790
Flexural Modulus	6.552 GPa	950.2 ksi	ASTM D790
Izod Impact, Notched	0.641 J/cm @Thickness 3.17 mm	1.20 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	140.56 Å°C	285.01 Å°F	ASTM D648

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