

Lucent Polymers GPP-340 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 ApplicationAdd "U" for UV StabilizedAdd "H" for Heat StabilizedInformation provided by Lucent Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucent-Polymers-GPP-340-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	0.0030 in/in	1/8" Section
	@Thickness 3.17 mm	@Thickness 0.125 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	82.76 MPa	12000 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Strength	117.24 MPa	17004 psi	ASTM D790
Flexural Modulus	5.862 GPa	850.2 ksi	ASTM D790
Izod Impact, Notched	1.71 J/cm	3.20 ft-lb/in	ASTM D256
	@Thickness 3.17 mm	@Thickness 0.125 in	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	135 Â°C	275 Â°F	ASTM D648

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