

## Lucent Polymers GPP-120 Polypropylene Homopolymer, 20% Glass Fiber Reinforced, Chemically Coupled

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% 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-120-Polypropylene-Homopolymer-20-Glass-Fiber-Reinforced-Chemically-Coupled.php](http://www.lookpolymers.com/polymer_Lucent-Polymers-GPP-120-Polypropylene-Homopolymer-20-Glass-Fiber-Reinforced-Chemically-Coupled.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 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

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	60.0 MPa	8700 psi	ASTM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Flexural Strength	82.76 MPa	12000 psi	ASTM D790
Flexural Modulus	3.276 GPa	475.1 ksi	ASTM D790
Izod Impact, Notched	0.534 J/cm @Thickness 3.17 mm	1.00 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	129.44 Â°C	264.99 Â°F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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