

## Lucent Polymers GPP-310 Polypropylene, 10% Glass Fiber Reinforced, Chemically Coupled, Impact Modified

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% 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-310-Polypropylene-10-Glass-Fiber-Reinforced-Chemically-Coupled-Impact-Modified.php](http://www.lookpolymers.com/polymer_Lucent-Polymers-GPP-310-Polypropylene-10-Glass-Fiber-Reinforced-Chemically-Coupled-Impact-Modified.php)

| Physical Properties         | Metric                             | English                             | Comments     |
|-----------------------------|------------------------------------|-------------------------------------|--------------|
| Specific Gravity            | 0.980 g/cc                         | 0.980 g/cc                          | ASTM D792    |
| Linear Mold Shrinkage, Flow | 0.0080 cm/cm<br>@Thickness 3.17 mm | 0.0080 in/in<br>@Thickness 0.125 in | 1/8" Section |

| Mechanical Properties   | Metric                          | English                              | Comments  |
|-------------------------|---------------------------------|--------------------------------------|-----------|
| Tensile Strength, Yield | 39.31 MPa                       | 5701 psi                             | ASTM D638 |
| Elongation at Break     | 7.0 %                           | 7.0 %                                | ASTM D638 |
| Flexural Strength       | 57.24 MPa                       | 8302 psi                             | ASTM D790 |
| Flexural Modulus        | 1.552 GPa                       | 225.1 ksi                            | ASTM D790 |
| Izod Impact, Notched    | 1.50 J/cm<br>@Thickness 3.17 mm | 2.80 ft-lb/in<br>@Thickness 0.125 in | ASTM D256 |

| Thermal Properties                          | Metric     | English    | Comments  |
|---|------------|------------|-----------|
| Deflection Temperature at 1.8 MPa (264 psi) | 107.22 Å°C | 225.00 Å°F | ASTM D648 |

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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