

Lucent Polymers G6-15 Nylon 6, 15% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 20% Glass Fiber Filled

Material Notes:Add "H" for Heat Stabilized Add "HU" for Weatherable
Typical Properties, Dry as Molded
Information provided by Lucent Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lucent-Polymers-G6-15-Nylon-6-15-Glass-Fiber-Reinforced.php

| Physical Properties | Metric | English | Comments |
|-----------------------------|------------------------------------|-------------------------------------|--------------|
| Specific Gravity | 1.23 g/cc | 1.23 g/cc | ASTM D792 |
| Linear Mold Shrinkage, Flow | 0.0080 cm/cm @Thickness 3.17 mm | 0.0080 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 | 144.83 MPa | 21006 psi | ASTM D790 |
| Flexural Modulus | 4.138 GPa | 600.2 ksi | ASTM D790 |
| Izod Impact, Notched | 0.587 J/cm @Thickness 3.17 mm, Temperature 22.8 Â°C | 1.10 ft-lb/in @Thickness 0.125 in, Temperature 73.0 Â°F | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|--|---------------|---------------|-----------|
| Melting Point | 210 - 225 Â°C | 410 - 437 Â°F | ASTM D789 |
| Deflection Temperature at 1.8 MPa (264 psi) | 187.78 Â°C | 370.00 Â°F | ASTM D648 |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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