

BLUESTAR LXS 314 G20 PPE-HIPS, 20% Glass Filled

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polystyrene (PS) , Polystyrene + Polyphenylene Ether, Glass Filler

Material Notes:Typical Applications: Water industrial parts
Information provided by Polymer Technology and Services, LLC (PTS).

Order this product through the following link:

http://www.lookpolymers.com/polymer_BLUESTAR-LXS-314-G20-PPE-HIPS-20-Glass-Filled.php

| Physical Properties | Metric | English | Comments |
|-----------------------------|---|---|------------|
| Specific Gravity | 1.25 g/cc | 1.25 g/cc | ASTM D792 |
| Water Absorption | 0.10 % | 0.10 % | ASTM D570 |
| | @Temperature 23.0 °C, Time 86400 sec | @Temperature 73.4 °F, Time 24.0 hour | |
| Linear Mold Shrinkage, Flow | 0.0030 - 0.0050 cm/cm | 0.0030 - 0.0050 in/in | ASTM D955 |
| Melt Flow | 18 g/10 min | 18 g/10 min | ASTM D1238 |
| | @Load 5.00 kg, Temperature 300 °C | @Load 11.0 lb, Temperature 572 °F | |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|------------------------|----------------------------|-----------------------|
| Tensile Strength at Break | 90.0 MPa | 13100 psi | type I; ASTM D638 |
| Elongation at Break | 8.0 % | 8.0 % | type I; ASTM D638 |
| Flexural Strength | 140 MPa | 20300 psi | 2.6 mm/min; ASTM D790 |
| Flexural Modulus | 4.20 GPa | 609 ksi | 2.6 mm/min; ASTM D790 |
| Izod Impact, Notched (ISO) | 14.0 kJ/m ² | 6.66 ft-lb/in ² | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|--|--------------------|---------------------|-----------|
| Deflection Temperature at 1.8 MPa (264 psi) | 130 °C | 266 °F | ASTM D648 |
| | @Thickness 6.40 mm | @Thickness 0.252 in | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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