

PTS Trilac® ABS-GF3000-BK 30% Fiberglass Black ABS Resin

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), 30% Glass Fiber Filled

Material Notes:

Information provided by Polymer Technology and Services, LLC (PTS).

Order this product through the following link:

http://www.lookpolymers.com/polymer_PTS-Trilac-ABS-GF3000-BK-30-Fiberglass-Black-ABS-Resin.php

| Physical Properties | Metric | English | Comments |
|-----------------------|--------------|---------------------------|-----------|
| Density | 1.29 g/cc | 0.0466 lb/in ³ | ASTM D792 |
| Linear Mold Shrinkage | 0.0010 cm/cm | 0.0010 in/in | ASTM D955 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|----------------------------------|---------------------------------------|-----------|
| Hardness, Rockwell R | 110 | 110 | ASTM D785 |
| Tensile Strength, Yield | 70.3 MPa | 10200 psi | ASTM D638 |
| Flexural Yield Strength | 106.9 MPa | 15500 psi | ASTM D790 |
| Flexural Modulus | 6.21 GPa | 901 ksi | ASTM D790 |
| Izod Impact, Notched | 0.430 J/cm @Thickness 3.17 mm | 0.806 ft-lb/in @Thickness 0.125 in | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|---|---------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 102 °C | 216 °F | ASTM D648 |
| Deflection Temperature at 1.8 MPa (264 psi) | 96.0 °C | 205 °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