

## PlastiComp Complet® LBF40-PA66 40% Long Basalt Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 66

### Material Notes:

This compound complies with European Union Directive 2002/95/EC Restriction of Hazardous Substances (RoHS). Information provided by PlastiComp, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PlastiComp-Complet-LBF40-PA66-40-Long-Basalt-Fiber.php](http://www.lookpolymers.com/polymer_PlastiComp-Complet-LBF40-PA66-40-Long-Basalt-Fiber.php)

| Physical Properties | Metric    | English   | Comments  |
|---------------------|-----------|-----------|-----------|
| Specific Gravity    | 1.51 g/cc | 1.51 g/cc | ASTM D792 |

| Mechanical Properties  | Metric      | English        | Comments  |
|------------------------|-------------|----------------|-----------|
| Tensile Strength       | 207 MPa     | 30000 psi      | ASTM D638 |
| Elongation at Break    | 2.0 - 3.0 % | 2.0 - 3.0 %    | ASTM D638 |
| Tensile Modulus        | 11.03 GPa   | 1600 ksi       | ASTM D638 |
| Flexural Strength      | 286 MPa     | 41500 psi      | ASTM D790 |
| Flexural Modulus       | 9.10 GPa    | 1320 ksi       | ASTM D790 |
| Izod Impact, Unnotched | 13.78 J/cm  | 25.82 ft-lb/in | ASTM D256 |

| Thermal Properties                          | Metric | English | Comments  |
|---|--------|---------|-----------|
| Deflection Temperature at 1.8 MPa (264 psi) | 254 °C | 489 °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