

## Asahi Kasei Thermylene® P6-20FG-0754 20% Glass, Heat Stabilized

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Glass Fiber Filler

### Material Notes:

Information provided by Asahi Thermofil

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Asahi-Kasei-Thermylene-P6-20FG-0754-20-Glass-Heat-Stabilized.php](http://www.lookpolymers.com/polymer_Asahi-Kasei-Thermylene-P6-20FG-0754-20-Glass-Heat-Stabilized.php)

| Physical Properties   | Metric       | English      | Comments   |
|-----------------------|--------------|--------------|------------|
| Specific Gravity      | 1.03 g/cc    | 1.03 g/cc    | ASTM D792  |
| Linear Mold Shrinkage | 0.0030 cm/cm | 0.0030 in/in | ASTM D955  |
| Melt Flow             | 10 g/10 min  | 10 g/10 min  | ASTM D1238 |

| Mechanical Properties   | Metric    | English       | Comments  |
|-------------------------|-----------|---------------|-----------|
| Tensile Strength, Yield | 62.1 MPa  | 9000 psi      | ASTM D638 |
| Elongation at Yield     | 5.0 %     | 5.0 %         | ASTM D638 |
| Tensile Modulus         | 2.76 GPa  | 400 ksi       | ASTM D638 |
| Flexural Strength       | 89.6 MPa  | 13000 psi     | ASTM D790 |
| Flexural Modulus        | 3.24 GPa  | 470 ksi       | ASTM D790 |
| Izod Impact, Notched    | 1.60 J/cm | 3.00 ft-lb/in | ASTM D256 |

| Thermal Properties                          | Metric  | English | Comments  |
|---------------------------------------------|---------|---------|-----------|
| Deflection Temperature at 1.8 MPa (264 psi) | 62.2 °C | 144 °F  | ASTM D648 |

## Contact Songhan Plastic Technology Co.,Ltd.

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