

## Asahi Kasei Thermylene® P-25FG-3809 25% Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% 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-P-25FG-3809-25-Glass-Fiber-Reinforced.php](http://www.lookpolymers.com/polymer_Asahi-Kasei-Thermylene-P-25FG-3809-25-Glass-Fiber-Reinforced.php)

| Physical Properties | Metric       | English      | Comments   |
|---------------------|--------------|--------------|------------|
| Specific Gravity    | 1.09 g/cc    | 1.09 g/cc    | ASTM D792  |
| Melt Flow           | 6.0 g/10 min | 6.0 g/10 min | ASTM D1238 |

| Mechanical Properties   | Metric     | English       | Comments   |
|-------------------------|------------|---------------|------------|
| Tensile Strength, Yield | 82.7 MPa   | 12000 psi     | ASTM D638  |
| Elongation at Yield     | 3.0 %      | 3.0 %         | ASTM D638  |
| Flexural Strength       | 112 MPa    | 16300 psi     | ASTM D790  |
| Flexural Modulus        | 4.34 GPa   | 630 ksi       | ASTM D790  |
| Izod Impact, Notched    | 0.908 J/cm | 1.70 ft-lb/in | ASTM D256  |
| Izod Impact, Unnotched  | 6.41 J/cm  | 12.0 ft-lb/in | ASTM D4812 |

| Thermal Properties                          | Metric | English | Comments            |
|---------------------------------------------|--------|---------|---------------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 147 °C | 297 °F  | ASTM D648           |
| Flammability, UL94                          | HB     | HB      | 0.0591 in thickness |

## Contact Songhan Plastic Technology Co.,Ltd.

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