

## Asahi Kasei Thermylene® P1-25FM-Y175 25% Glass Fiber/ Mineral 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-P1-25FM-Y175-25-Glass-Fiber-Mineral-Reinforced.php](http://www.lookpolymers.com/polymer_Asahi-Kasei-Thermylene-P1-25FM-Y175-25-Glass-Fiber-Mineral-Reinforced.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	ASTM D792
Linear Mold Shrinkage	0.0070 cm/cm	0.0070 in/in	ASTM D955
Melt Flow	9.0 g/10 min	9.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	62.1 MPa	9000 psi	ASTM D638
Elongation at Yield	3.0 %	3.0 %	ASTM D638
Flexural Strength	88.3 MPa	12800 psi	ASTM D790
Flexural Modulus	3.45 GPa	500 ksi	ASTM D790
Izod Impact, Notched	0.694 J/cm	1.30 ft-lb/in	ASTM D256
Izod Impact, Unnotched	3.74 J/cm	7.00 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	143 °C	290 °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