

## Asahi Kasei Thermofil P-40TC-0158 40% Talc Reinforced, Heat Stabilized

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Talc Filler

**Material Notes:**

Information provided by Asahi Thermofil

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Asahi-Kasei-Thermofil-P-40TC-0158-40-Talc-Reinforced-Heat-Stabilized.php](http://www.lookpolymers.com/polymer_Asahi-Kasei-Thermofil-P-40TC-0158-40-Talc-Reinforced-Heat-Stabilized.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 g/cc	ASTM D792
Linear Mold Shrinkage	0.010 cm/cm	0.010 in/in	ASTM D955
Melt Flow	13 g/10 min	13 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	34.5 MPa	5000 psi	ASTM D638
Elongation at Yield	7.0 %	7.0 %	ASTM D638
Flexural Strength	58.6 MPa	8500 psi	ASTM D790
Flexural Modulus	3.59 GPa	520 ksi	ASTM D790
Izod Impact, Notched	0.240 J/cm	0.450 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 0.46 MPa (66 psi)	132 °C	270 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	98.9 °C	210 °F	ASTM D648

### Contact Songhan Plastic Technology Co.,Ltd.

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