

Asahi Kasei Thermofil P-40MI-0600 40% Mica Filled, Heat Stabilized

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

Material Notes:

Information provided by Asahi Thermofil

Order this product through the following link:

http://www.lookpolymers.com/polymer_Asahi-Kasei-Thermofil-P-40MI-0600-40-Mica-Filled-Heat-Stabilized.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 g/cc	ASTM D792
Melt Flow	10 g/10 min	10 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	34.5 MPa	5000 psi	ASTM D638
Elongation at Yield	5.0 %	5.0 %	ASTM D638
Flexural Strength	48.3 MPa	7000 psi	ASTM D790
Flexural Modulus	3.38 GPa	490 ksi	ASTM D790
Izod Impact, Notched	0.267 J/cm	0.500 ft-lb/in	ASTM D256
Izod Impact, Unnotched	1.60 J/cm	3.00 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	149 °C	300 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	111 °C	231 °F	ASTM D648

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