

Asahi Kasei Thermylene® P6-35FM-1309 35% Glass and Mineral Reinforced, Heat Stabilized

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Glass/Mineral Reinforced

Material Notes:

Information provided by Asahi Thermofil

Order this product through the following link:

http://www.lookpolymers.com/polymer_Asahi-Kasei-Thermylene-P6-35FM-1309-35-Glass-and-Mineral-Reinforced-Heat-Stabilized.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.19 g/cc	1.19 g/cc	ASTM D792
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955
Melt Flow	12.5 g/10 min	12.5 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	65.5 MPa	9500 psi	ASTM D638
Elongation at Yield	3.0 %	3.0 %	ASTM D638
Flexural Strength	101 MPa	14600 psi	ASTM D790
Flexural Modulus	4.69 GPa	680 ksi	ASTM D790
Izod Impact, Notched	0.587 J/cm	1.10 ft-lb/in	ASTM D256
Izod Impact, Unnotched	4.27 J/cm	8.00 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	159 °C	318 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	149 °C	300 °F	ASTM D648

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