

Asahi Kasei Thermylene® P6-40FG-0874 40% Glass Fiber Reinforced, Heat and UV Stabilized

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% 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-P6-40FG-0874-40-Glass-Fiber-Reinforced-Heat-and-UV-Stabilized.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.23 g/cc	1.23 g/cc	ASTM D792
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	ASTM D955
Melt Flow	6.5 g/10 min	6.5 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	113	113	ASTM D785
Tensile Strength, Yield	96.5 MPa	14000 psi	ASTM D638
Elongation at Yield	3.0 %	3.0 %	ASTM D638
Flexural Strength	145 MPa	21000 psi	ASTM D790
Flexural Modulus	7.31 GPa	1060 ksi	ASTM D790
Izod Impact, Notched	1.07 J/cm	2.00 ft-lb/in	ASTM D256
Izod Impact, Unnotched	6.94 J/cm	13.0 ft-lb/in	ASTM D4812

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