

Asahi Kasei Thermylene® P-20FG-1740 20% Glass Fiber Reinforced, Medium Impact

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% 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-P-20FG-1740-20-Glass-Fiber-Reinforced-Medium-Impact.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Linear Mold Shrinkage	0.0060 cm/cm	0.0060 in/in	ASTM D955
Melt Flow	4.0 g/10 min	4.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	80	80	ASTM D785
Tensile Strength, Yield	65.5 MPa	9500 psi	ASTM D638
Elongation at Yield	4.0 %	4.0 %	ASTM D638
Flexural Strength	87.6 MPa	12700 psi	ASTM D790
Flexural Modulus	3.24 GPa	470 ksi	ASTM D790
Izod Impact, Notched	1.55 J/cm	2.90 ft-lb/in	ASTM D256
Izod Impact, Unnotched	5.87 J/cm	11.0 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	144 °C	291 °F	ASTM D648

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