

Thermylene® P6-50FG-0100

Polypropylene

Asahi Kasei Plastics North America Inc.

Message:

PP-GF50
50% Glass Fiber Reinforcement

General Information			
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	110	MPa	ISO 527-2
Flexural Modulus	10100	MPa	ISO 178
Flexural Stress	167	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	11	kJ/m ²	ISO 179
Notched Izod Impact Strength	10	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	152	°C	ISO 75-2/A

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Recommended distributors for this material

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