

Thermylene® P1-35FM-Y942

Polypropylene

Asahi Kasei Plastics North America Inc.

Message:

PP-GF+MD

35% Glass Fiber / Mineral Co-Reinforcement

General Information			
Filler / Reinforcement	Glass\Mineral,35% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	72.0	MPa	ISO 527-2
Flexural Modulus	6300	MPa	ISO 178
Flexural Stress	112	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	7.5	kJ/m ²	ISO 179
Notched Izod Impact Strength	8.0	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	142	°C	ISO 75-2/B
1.8 MPa, Unannealed	140	°C	ISO 75-2/A

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Recommended distributors for this material

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