



Thermylene® P6-40FM-2371

Asahi Kasei Plastics North America Inc. - Polypropylene

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General Information

Product Description

PP-GF+MD
40% Glass Fiber / Mineral Co-Reinforcement

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass\Mineral, 40% Filler by Weight		
Automotive Specifications	• CHRYSLER MS-DB-500 CPN 3307	• GM GMP.PP.057	

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.24	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	11200	psi	ISO 527-2
Flexural Modulus	986000	psi	ISO 178
Flexural Stress	16500	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.9	ft-lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (66 psi, Unannealed)	273	°F	ISO 75-2/B
Heat Deflection Temperature (264 psi, Unannealed)	289	°F	ISO 75-2/A

Notes

¹ Typical properties: these are not to be construed as specifications.