

Thermylene® P6-40FM-2371

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description

The performance of this compound has been optimized for improved dimensional and temperature stability.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Fiber\Mineral, 40% Filler by Weight		
Additive	• Heat Stabilizer		
Features	• Good Dimensional Stability	• Heat Stabilized	
Automotive Specifications	• GM GMP.PP.057	• STELLANTIS MS-DB-500 CPN 3307	

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	11600	psi	ISO 527-2
Flexural Modulus	1.09E+6	psi	ISO 178
Flexural Stress	18100	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	2.1	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	289	°F	ISO 75-2/A

