

Thermylene® P7-40FG-0790

 Asahi Kasei Plastics North America Inc. - *Polypropylene*
General Information
Product Description

This high performance polypropylene compound has been optimized for improved impact resistance.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • Asia Pacific • Latin America • North America
Filler / Reinforcement	• Glass Fiber, 40% Filler by Weight
Features	• Good Impact Resistance
Uses	• Automotive Applications
Automotive Specifications	• GM GMW16607P-PP-GF40

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)	4.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	15200	psi	ISO 527-2
Flexural Modulus	1.26E+6	psi	ISO 178
Flexural Stress	23500	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	5.2	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	306	°F	ISO 75-2/A

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