



# Thermylene® P6-40FG-0100

Asahi Kasei Plastics North America Inc. - Polypropylene

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## General Information

### Product Description

PP-GF40  
40% Glass Fiber Reinforcement

### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Fiber, 40% Filler by Weight		
Automotive Specifications	• CHRYSLER MS-DB-500 CPN 4504	• GM GMW15702-150036	

## ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.25	g/cm <sup>3</sup>	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	13100	psi	ISO 527-2
Flexural Modulus	1.13E+6	psi	ISO 178
Flexural Stress	19700	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.5	ft-lb/in <sup>2</sup>	ISO 179
Notched Izod Impact Strength	4.3	ft-lb/in <sup>2</sup>	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (264 psi, Unannealed)	293	°F	ISO 75-2/A

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.