

Thermylene® P6-40FG-0100

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description

This general purpose compound is designed for high strength and stiffness. Additionally, it has been heat stabilized for higher temperature applications.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Fiber, 40% Filler by Weight		
Additive	• Heat Stabilizer		
Features	• General Purpose • Heat Stabilized	• High Heat Resistance • High Stiffness	• High Strength
Automotive Specifications	• GM GMW15702-150036	• STELLANTIS MS-DB-500 CPN 4504	

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)	7.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	13300	psi	ISO 527-2
Flexural Modulus	1.13E+6	psi	ISO 178
Flexural Stress	20500	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	4.8	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	297	°F	ISO 75-2/A

