

Thermylene® P7-40FG-0600

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description

This high performance polypropylene compound has been optimized for high strength/stiffness structural applications and is heat stabilized for higher temperature applications.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Filler / Reinforcement	• Glass Fiber, 40% Filler by Weight		
Additive	• Heat Stabilizer		
Features	• Heat Stabilized	• High Stiffness	• High Strength
Automotive Specifications	• STELLANTIS MS-DB-500 CPN 4325		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	14900	psi	ISO 527-2
Flexural Modulus	1.22E+6	psi	ISO 178
Flexural Stress	22300	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)	302	°F	ISO 75-2/A

