

Thermylene® P9-35FG-0602

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

This is a 35% fiber glass reinforced polypropylene performance compound designed for replacement of engineered compounds in structural applications and it is also heat stabilized for underhood exposure.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Filler / Reinforcement	• Glass Fiber, 35% Filler by Weight
Additive	• Heat Stabilizer
Features	• Heat Stabilized
Uses	• Automotive Under the Hood

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	16500	psi	ISO 527-2
Flexural Modulus	1.07E+6	psi	ISO 178
Flexural Stress	24700	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)	311	°F	ISO 75-2/A

