

Thermylene® P6-20FG-0600

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description

This is a glass reinforced polypropylene compound that has been designed with heat stabilization for underhood applications.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight		
Additive	• Heat Stabilizer		
Features	• Heat Stabilized		
Uses	• Automotive Under the Hood		
Automotive Specifications	• FORD ESB-M4D338-A1	• GM GMW16607P-PP-GF20	• STELLANTIS MS-DB-500 CPN 3575

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.05	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	9570	psi	ISO 527-2
Flexural Modulus	580000	psi	ISO 178
Flexural Stress	14500	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	3.8	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	273	°F	ISO 75-2/A

Notes

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

