

Thermylene® P6-30FG-0600

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description

This general purpose polypropylene compound has been heat stabilized for underhood applications.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight		
Additive	• Heat Stabilizer		
Features	• General Purpose	• Heat Stabilized	
Uses	• Automotive Under the Hood	• General Purpose	
Automotive Specifications	• FORD ESB-M4D299-A3 • FORD ESB-M4D338-A2 • FORD WSB-M4D732-A3 • FORD WSS-M4D854-B1	• GM GMP.PP.009 Color: Black • GM GMP.PP.017 Color: Black • GM GMW16211 • GM GMW16607P-PP-GF30	• STELLANTIS MS-DB-500 CPN 3581 • STELLANTIS MS-DB-500 CPN 4745

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.14	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	11600	psi	ISO 527-2
Flexural Modulus	856000	psi	ISO 178
Flexural Stress	18100	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	4.4	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	288	°F	ISO 75-2/A

