

Thermylene® P6-30FG-0153

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description

This general purpose polypropylene compound has been heat stabilized for underhood applications and it is very suitable for thin-walled or large applications requiring good processability.

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	• Good Processability	• Heat Stabilized
Uses	• Automotive Under the Hood	• Thin-walled Parts	
Automotive Specifications	• GM GMP.PP.090 Color: Black	• STELLANTIS MS-DB-500 CPN 3580	

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)	19	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	11300	psi	ISO 527-2
Flexural Modulus	870000	psi	ISO 178
Flexural Stress	17700	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	3.7	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	291	°F	ISO 75-2/A

