

Thermylene® P6-35FM-1309

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

The performance of this compound has been optimized for improved dimensional stability, and 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\Mineral, 35% Filler by Weight		
Additive	• Heat Stabilizer		
Features	• Good Dimensional Stability	• Heat Stabilized	• High Heat Resistance
Automotive Specifications	• GM GMP.PP.032 Color: Black	• GM GMP.PP.032 Color: 80174	• GM GMP.PP.032 Color: BK715
	• GM GMP.PP.032 Color: White	• GM GMP.PP.032 Color: BK711	• STELLANTIS MS-DB-500
		• Black	CPN 1951

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)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	8850	psi	ISO 527-2
Flexural Modulus	812000	psi	ISO 178
Flexural Stress	14900	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	2.9	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	277	°F	ISO 75-2/A

