

Thermylene® P1-35FM-Y942

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description

This is a glass fiber and mineral dual-reinforced polypropylene compound that has been optimized for applications requiring good strength/stiffness balance with dimensional stability.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Fiber\Mineral, 35% Filler by Weight		
Features	• Good Dimensional Stability	• Good Stiffness	• Good Strength
Automotive Specifications	• FORD WSB-M4D640-A	• GM GMP.PP.032 Color: Black	• STELLANTIS MS-DB-500 CPN 4419

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)	4.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	10700	psi	ISO 527-2
Flexural Modulus	928000	psi	ISO 178
Flexural Stress	16700	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)	288	°F	ISO 75-2/A

