

Thermylene® P-10FG-2100

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description

This is a general purpose glass fiber reinforced polypropylene compound that has been optimized for applications requiring nominal strength and stiffness.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Fiber, 10% Filler by Weight		
Features	• General Purpose	• Good Stiffness	• Good Strength
Uses	• General Purpose		
Automotive Specifications	• FORD ESB-M4D299-A Type I		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	7690	psi	ISO 527-2
Flexural Modulus	392000	psi	ISO 178
Flexural Stress	11700	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	2.4	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	241	°F	ISO 75-2/A

Notes

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

