



Thermylene® P-10FG-2100

Asahi Kasei Plastics North America Inc. - Polypropylene

Tuesday, November 5, 2019

General Information

Product Description

PP-GF10
10% Glass Fiber Reinforcement

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Fiber, 10% Filler by Weight		
Automotive Specifications	• FORD ESB-M4D299-A		

ASTM & ISO 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	6670	psi	ISO 527-2
Flexural Modulus	348000	psi	ISO 178
Flexural Stress	10200	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	2.3	ft·lb/in ²	ISO 179
Notched Izod Impact Strength	2.7	ft·lb/in ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (66 psi, Unannealed)	309	°F	ISO 75-2/B
Heat Deflection Temperature (264 psi, Unannealed)	230	°F	ISO 75-2/A

Notes

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