



Thermylene® P6-30FG-0602

Asahi Kasei Plastics North America Inc. - Polypropylene

Tuesday, November 5, 2019

General Information

Product Description

PP-GF30
30% Glass Fiber Reinforcement

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight		
Automotive Specifications	• GM GMP.PP.136 Color: Black • GM GMW16647P-PP-GF30-T2		

ASTM & ISO 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)	4.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	11500	psi	ISO 527-2
Flexural Modulus	812000	psi	ISO 178
Flexural Stress	17400	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.4	ft·lb/in ²	ISO 179
Notched Izod Impact Strength	4.9	ft·lb/in ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (66 psi, Unannealed)	316	°F	ISO 75-2/B
Heat Deflection Temperature (264 psi, Unannealed)	288	°F	ISO 75-2/A

Notes

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