



Thermylene® P6-30FG-0708

Asahi Kasei Plastics North America Inc. - Polypropylene

Wednesday, July 29, 2015

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.003 Color: BK711

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	9570	psi	ISO 527-2
Flexural Modulus	711000	psi	ISO 178
Flexural Stress	13600	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	9.0	ft·lb/in ²	ISO 179
Notched Izod Impact Strength	9.5	ft·lb/in ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (264 psi, Unannealed)	280	°F	ISO 75-2/A

Notes

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