



Thermylene® P6-30FG-0600R

Asahi Kasei Plastics North America Inc. - Polypropylene

Wednesday, July 29, 2015

General Information

Product Description

PP-GF30
30% Glass Fiber Reinforcement

General

Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight		
Automotive Specifications	• CHRYSLER MS-DB-500 CPN 3580	• FORD WSS-M4D732-A5	• GM GMP.PP.017 Color: BK711 Black

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	11300	psi	ISO 527-2
Flexural Modulus	798000	psi	ISO 178
Flexural Stress	17100	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	ft·lb/in ²	ISO 179
Notched Izod Impact Strength	4.4	ft·lb/in ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (66 psi, Unannealed)	313	°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.