



## Thermylene® P6-30FG-0600

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	• CHRYSLER MS-DB-500 CPN 3580 • FORD ESB-M4D338-A2 • FORD WSB-M4D732-A3	• GM GMP.PP.009 Color: Black • GM GMP.PP.017 Color: Black • GM GMW16211	• GM GMW16607P-PP-GF30

### ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm <sup>3</sup>	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	10900	psi	ISO 527-2
Flexural Modulus	827000	psi	ISO 178
Flexural Stress	16400	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	ft·lb/in <sup>2</sup>	ISO 179
Notched Izod Impact Strength	4.8	ft·lb/in <sup>2</sup>	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (66 psi, Unannealed)	311	°F	ISO 75-2/B
Heat Deflection Temperature (264 psi, Unannealed)	284	°F	ISO 75-2/A

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.