



## Thermylene® P6-20FG-2153

Asahi Kasei Plastics North America Inc. - Polypropylene

Tuesday, November 5, 2019

### General Information

#### Product Description

PP-GF20  
20% Glass Fiber Reinforcement

#### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight		
Automotive Specifications	• CHRYSLER MS-DB-500 CPN 3575	• GM GMP.PP.075 Color: Black	

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

Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	19	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	9140	psi	ISO 527-2
Flexural Modulus	595000	psi	ISO 178
Flexural Stress	14500	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.3	ft-lb/in <sup>2</sup>	ISO 179
Notched Izod Impact Strength	2.9	ft-lb/in <sup>2</sup>	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (264 psi, Unannealed)	282	°F	ISO 75-2/A

#### Notes

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