



Thermylene® P6-20FG-0600

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	• FORD ESB-M4D338-A1	• GM GMW16607P-PP-GF20

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.05	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	9140	psi	ISO 527-2
Flexural Modulus	537000	psi	ISO 178
Flexural Stress	13900	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.3	ft-lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (66 psi, Unannealed)	311	°F	ISO 75-2/B
Heat Deflection Temperature (264 psi, Unannealed)	268	°F	ISO 75-2/A

Notes

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