



Thermylene® P6-20FG-0693

Asahi Kasei Plastics North America Inc. - Polypropylene

Wednesday, July 29, 2015

General Information

Product Description

PP-GF20
20% Glass Fiber Reinforcement

General

Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Automotive Specifications	• CHRYSLER MS-DB-500 CPN 3575

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	10700	psi	ISO 527-2
Flexural Modulus	624000	psi	ISO 178
Flexural Stress	16700	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.8	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (264 psi, Unannealed)	288	°F	ISO 75-2/A

Notes

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