

Thermylene® P6-20FG-2153

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description

This is a glass reinforced polypropylene compound that has been designed for good processability in thin-wall molding and large applications.

General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	9280	psi	ISO 527-2
Flexural Modulus	616000	psi	ISO 178
Flexural Stress	14500	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	3.4	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	280	°F	ISO 75-2/A

Notes

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

