Thermylene® P6-20FG-0693

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description

This is a glass reinforced polypropylene compound that has been designed for high strength and stiffness for structural applications and is included with heat stabilization for underhood 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		
Additive	• Heat Stabilizer		
Features	• Heat Stabilized	• High Stiffness	• High Strength
Uses	• Automotive Under the Hood		
Automotive Specifications	• STELLANTIS MS-DB-500 CPN 3575		

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm³	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	11000	psi	ISO 527-2
Flexural Modulus	653000	psi	ISO 178
Flexural Stress	18300	psi	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (73°F)	3.8	ft·lb/in²	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (264 psi, Unannealed)	288	°F	ISO 75-2/A

Notes

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