

Thermylene® P6-25FG-0687

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description

This general purpose polypropylene compound has been heat stabilized for high temperature applications.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Filler / Reinforcement	• Glass Fiber, 25% Filler by Weight
Additive	• Heat Stabilizer
Features	• Heat Stabilized

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.09	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	11500	psi	ISO 527-2
Flexural Modulus	769000	psi	ISO 178
Flexural Stress	18000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	3.9	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	293	°F	ISO 75-2/A

Notes

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

