

Thermylene® P6-30FG-0860

 Asahi Kasei Plastics North America Inc. - *Polypropylene*
General Information
Product Description

This polypropylene glass-reinforced compound is designed to provide good strength and stiffness for structural performance needs.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Features	• Good Stiffness • Good Strength
Forms	• Pellets

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.14	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	11900	psi	ISO 527-2
Flexural Modulus	870000	psi	ISO 178
Flexural Stress	18600	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	3.8	ft·lb/in ²	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.

