

Thermylene® P7-30FG-1804

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

This is a high performance glass-reinforced polypropylene compound with high strength/stiffness and designed for excellent UV resistance.

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	• High Stiffness • High Strength • UV Resistant

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.13	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	13200	psi	ISO 527-2
Flexural Modulus	943000	psi	ISO 178
Flexural Stress	19900	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	4.3	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	298	°F	ISO 75-2/A

