

**Thermylene® P6-30FG-1684**

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

This is a glass-reinforced polypropylene compound designed for optimal property performance, including weathering resistance, and is ideal for water handling application compliance.

**General**

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

**Properties <sup>1</sup>**

Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	10900	psi	ISO 527-2
Flexural Modulus	783000	psi	ISO 178
Flexural Stress	16700	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	3.9	ft·lb/in <sup>2</sup>	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	271	°F	ISO 75-2/A

