

**Thermylene® P6-20FG-1812**

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

This polypropylene compound is UV stabilized and is ideal for weathering applications.

**General**

Material Status	• Commercial: Active
Availability	• Africa & Middle East      • Europe • Asia Pacific                      • Latin America                      • North America
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Additive	• UV Stabilizer
Features	• UV Stabilized

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

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density	1.06	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ISO 1133
<b>Mechanical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Stress	10200	psi	ISO 527-2
Flexural Modulus	624000	psi	ISO 178
Flexural Stress	15500	psi	ISO 178
<b>Impact</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Charpy Notched Impact Strength (73°F)	4.0	ft·lb/in <sup>2</sup>	ISO 179
<b>Thermal</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Deflection Temperature Under Load (264 psi, Unannealed)	277	°F	ISO 75-2/A

**Notes**
<sup>1</sup> Typical properties: these are not to be construed as specifications.
