

**Thermylene® PT-12FG-0231**

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

This is a Thermoplastic Olefin (TPO) compound that is designed for exterior applications like bed rail. It is designed for good scratch/mar and weathering.

**General**

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Filler / Reinforcement	• Glass Fiber, 12% Filler by Weight
Features	• Good Scratch Resistance • Good Weather Resistance
Uses	• Outdoor Applications

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

Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	2760	psi	ISO 527-2
Flexural Modulus	239000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-22°F	3.3	ft·lb/in <sup>2</sup>	
73°F	12	ft·lb/in <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	142	°F	ISO 75-2

**Notes**

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

