

**Thermylene® P8-10FG-0702**

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

This superior performance polypropylene compound has been optimized to reduce stress whitening or blush. This material has also improved impact resistance. Recommended for use in furniture and industrial applications.

**General**

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Filler / Reinforcement	• Glass Fiber, 10% Filler by Weight		
Features	• Blush Resistant	• Good Impact Resistance	• Stress Whitening Resistant
Uses	• Furniture	• Industrial Applications	

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

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density	0.980	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
<b>Mechanical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Stress	7830	psi	ISO 527-2
Flexural Modulus	399000	psi	ISO 178
Flexural Stress	11700	psi	ISO 178
<b>Impact</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Charpy Notched Impact Strength (73°F)	5.2	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)	264	°F	ISO 75-2/A

