

**Thermylene® P-40TC-1102**

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

This general purpose talc filled polypropylene compound has been designed for high stiffness and good dimensional stability.

**General**

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Filler / Reinforcement	• Talc, 40% Filler by Weight		
Features	• General Purpose	• Good Dimensional Stability	• High Stiffness
Uses	• General Purpose		

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

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density	1.24	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ISO 1133
<b>Mechanical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Stress	4210	psi	ISO 527-2
Flexural Modulus	711000	psi	ISO 178
Flexural Stress	7540	psi	ISO 178
<b>Impact</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Charpy Notched Impact Strength (73°F)	0.95	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)	180	°F	ISO 75-2/A

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