

**Thermylene® P-40TC-8100**

PP-T40

Asahi Kasei

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	6	g/10min	ISO 1133

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Strength	29	MPa	ISO 527
Flexural modulus, 23°C	4300	MPa	ISO 178
Flexural strength	52	MPa	ISO 178
Charpy notched impact strength, +23°C	2.6	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	83	°C	ISO 75-1/-2

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	1260	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Special Characteristics**  
Heat stabilized or stable to heat**Features**  
Homopolymer**Applications**  
Automotive, General Purpose**Regional Availability**  
North America