

Thermylene® P-10TC-1777

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

This is a general purpose mineral filled polypropylene compound that has been designed applications requiring good ductility and UV stabilization.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Filler / Reinforcement	• Talc, 10% Filler by Weight		
Additive	• UV Stabilizer		
Features	• Ductile	• General Purpose	• UV Stabilized

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	3630	psi	ISO 527-2
Flexural Modulus	247000	psi	ISO 178
Flexural Stress	5080	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	4.0	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	133	°F	ISO 75-2/A

Notes

¹ Typical properties: these are not to be construed as specifications.

