

Thermylene® PT-20TC-D310

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

This is a Thermoplastic Olefin (TPO) compound designed for use in applications requiring excellent low temperature impact. This grade is designed for good weathering and scratch/mar performance.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Filler / Reinforcement	• Talc, 20% Filler by Weight		
Features	• Good Scratch Resistance	• Good Weather Resistance	• Low Temperature Impact Resistance
Uses	• Structural Parts		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	2680	psi	ISO 527-2
Flexural Modulus	283000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-22°F	2.5	ft·lb/in ²	
73°F	26	ft·lb/in ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	131	°F	ISO 75-2

Notes

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

