

Thermylene® P-20TC-1156

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description

This is a general purpose mineral filled polypropylene compound that has been heat stabilized for applications requiring long term heat exposure and good dimensional stability.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Talc, 20% Filler by Weight		
Additive	• Heat Stabilizer		
Features	• General Purpose	• Good Dimensional Stability	• Heat Stabilized
Uses	• General Purpose		

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)	13	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	5080	psi	ISO 527-2
Flexural Modulus	421000	psi	ISO 178
Flexural Stress	7540	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	1.2	ft-lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	158	°F	ISO 75-2/A

Notes

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

