

Thermylene® P-40TC-0158

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

This general purpose talc filled polypropylene compound has been heat stabilized for high temperature operating environments. In addition, this compound is 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
Additive	• Heat Stabilizer
Features	• General Purpose • Heat Stabilized • Good Dimensional Stability • High Stiffness
Uses	• General Purpose

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.26	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	4640	psi	ISO 527-2
Flexural Modulus	696000	psi	ISO 178
Flexural Stress	8270	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	0.90	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	190	°F	ISO 75-2/A

Notes

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

