

Thermylene® P-30TC-1156

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. Grades that are suitable for metal contact are also available. In addition, this compound is designed for good dimensional stability.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Filler / Reinforcement	• Talc, 30% 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	1.14	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	4350	psi	ISO 527-2
Flexural Modulus	508000	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)	167	°F	ISO 75-2/A

Notes

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

