

Thermylene® P7-12TC-1156

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

This high flow performance compound has been designed for thin-walling and light-weighting of applications and is heat stabilized for high temperature applications.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Filler / Reinforcement	• Talc, 12% Filler by Weight
Additive	• Heat Stabilizer
Features	• Heat Stabilized • High Heat Resistance
Uses	• High Temperature Applications • Thin-walled Parts
Forms	• Pellets

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	5370	psi	ISO 527-2
Flexural Modulus	413000	psi	ISO 178
Flexural Stress	8270	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	0.95	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	160	°F	ISO 75-2/A

