

Thermylene® P-10CC-Y488

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description

This is a calcium carbonate filled polypropylene compound that has been optimized for applications requiring improved impact resistance and stiffness balance.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Filler / Reinforcement	• Calcium Carbonate, 10% Filler by Weight		
Features	• Good Impact Resistance	• Good Stiffness	
Automotive Specifications	• FORD ESB-M4D605-A (B-Pillar Application Only)		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.980	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	4350	psi	ISO 527-2
Flexural Modulus	247000	psi	ISO 178
Flexural Stress	5950	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	1.9	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	133	°F	ISO 75-2/A

Notes

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

