



Thermylene® P-10CC-Y488

Asahi Kasei Plastics North America Inc. - Polypropylene

Tuesday, November 5, 2019

General Information

Product Description

PP-KD10

10% Calcium Carbonate Reinforcement

General

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

ASTM & ISO Properties ¹

	Nominal Value	Unit	Test Method
Physical			
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			
Tensile Stress	4350	psi	ISO 527-2
Flexural Modulus	247000	psi	ISO 178
Flexural Stress	5950	psi	ISO 178
Impact			
Charpy Notched Impact Strength	1.8	ft·lb/in ²	ISO 179
Thermal			
Heat Deflection Temperature (66 psi, Unannealed)	223	°F	ISO 75-2/B
Heat Deflection Temperature (264 psi, Unannealed)	129	°F	ISO 75-2/A

Notes

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