



Thermylene® P-10CC-Y488

Asahi Kasei Plastics North America Inc. - Polypropylene

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General Information

Product Description

PP-KD10

10% Calcium Carbonate Reinforcement

General

Material Status • Commercial: Active

Availability • Africa & Middle East • Europe
• Asia Pacific • Latin America

• North America

Filler / Reinforcement • Calcium Carbonate, 10% Filler by Weight

ASTM & ISO Properties¹

	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.