



Thermylene® P-20TC-5103

Asahi Kasei Plastics North America Inc. - Polypropylene

Tuesday, November 5, 2019

General Information

Product Description

PP-TD20
20% Talc Reinforcement

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Asia Pacific • Europe • Latin America • North America
Filler / Reinforcement	• Talc, 20% Filler by Weight
Automotive Specifications	• FORD ESH-M4D293-B

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	4640	psi	ISO 527-2
Flexural Modulus	363000	psi	ISO 178
Flexural Stress	6670	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	1.4	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (66 psi, Unannealed)	259	°F	ISO 75-2/B
Heat Deflection Temperature (264 psi, Unannealed)	149	°F	ISO 75-2/A

Notes

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