



Thermylene® P4-20TC-0520

Asahi Kasei Plastics North America Inc. - Polypropylene

Tuesday, November 5, 2019

General Information

Product Description

PP-TD20FR
20% Talc Reinforcement with Flame Retardant (FR)

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Talc, 20% Filler by Weight		
Additive	• Flame Retardant		
Features	• Flame Retardant		
Automotive Specifications	• GM GMW16783P-PP-TD20-FR(17)		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.35	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	3630	psi	ISO 527-2
Flexural Modulus	421000	psi	ISO 178
Flexural Stress	5950	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	1.2	ft-lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (66 psi, Unannealed)	244	°F	ISO 75-2/B
Heat Deflection Temperature (264 psi, Unannealed)	154	°F	ISO 75-2/A

Notes

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