

Thermylene® P4-9900-0520

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description

This is an unreinforced polypropylene compound that has been designed with flame retardant content for use in applications requiring resistance to ignition and nominal impact performance.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Additive	• Flame Retardant		
Features	• Flame Retardant		
Automotive Specifications	• GM GMW16783P-PP-FR(17)		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.22	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	3340	psi	ISO 527-2
Flexural Modulus	261000	psi	ISO 178
Flexural Stress	5660	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	1.2	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	135	°F	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94

Notes

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

