

Thermylene® P4-30FG-0522

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description

This is a 30% glass reinforced polypropylene compound that has been designed with flame retardant content for use in applications requiring resistance to ignition and where good strength and stiffness performance is required.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight		
Additive	• Flame Retardant		
Features	• Flame Retardant	• Good Stiffness	• Good Strength

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.45	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	10400	psi	ISO 527-2
Flexural Modulus	1.04E+6	psi	ISO 178
Flexural Stress	17400	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	5.7	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	282	°F	ISO 75-2/A

Notes

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

