

Thermylene® P6-20FG-2154

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description

This heat-stabilized glass-reinforced polypropylene compound is designed for good impact performance applications.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight		
Additive	• Heat Stabilizer		
Features	• Good Impact Resistance	• Heat Stabilized	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	8990	psi	ISO 527-2
Flexural Modulus	635000	psi	ISO 178
Flexural Stress	14100	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	4.8	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	288	°F	ISO 75-2/A

Notes

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

