

Thermylene® P6-20FG-0754

Asahi Kasei Plastics North America Inc. - *Polypropylene*

General Information

Product Description

This is a glass reinforced polypropylene compound that has been designed for applications requiring good ductility.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Features	• Ductile

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)	9.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	8410	psi	ISO 527-2
Flexural Modulus	551000	psi	ISO 178
Flexural Stress	12000	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)	277	°F	ISO 75-2/A

Notes

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

