

Thermylene® P6-15FG-0741

 Asahi Kasei Plastics North America Inc. - *Polypropylene*
General Information
Product Description

This is a glass reinforced polypropylene compound that has been designed for good impact performance and comes with UV resistance. The improved melt strength of this material also makes it suitable for extrusion applications.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Filler / Reinforcement	• Glass Fiber, 15% Filler by Weight
Additive	• UV Stabilizer
Features	• Good Impact Resistance • Good Melt Strength • UV Resistant
Processing Method	• Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	6670	psi	ISO 527-2
Flexural Modulus	421000	psi	ISO 178
Flexural Stress	10300	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	5.9	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	225	°F	ISO 75-2/A

Notes

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

