

Thermylon® N-40FG-0600

 Asahi Kasei Plastics North America Inc. - *Polyamide 6*
General Information
Product Description

This is a glass reinforced, heat-stabilized, polyamide 6 compound that has been designed for good strength and stiffness for structural applications.

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 40% Filler by Weight
Additive	• Heat Stabilizer
Features	• Good Stiffness • Good Strength • Heat Stabilized

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.47	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	29600	psi	ISO 527-2
Flexural Modulus	1.61E+6	psi	ISO 178
Flexural Stress	43200	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)	406	°F	ISO 75-2/A

Notes

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

