

Thermylon® N-30FG-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	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Additive	• Heat Stabilizer
Features	• Good Stiffness • Good Strength • Heat Stabilized

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.37	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	25200	psi	ISO 527-2
Flexural Modulus	1.27E+6	psi	ISO 178
Flexural Stress	37900	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	4.4	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	401	°F	ISO 75-2/A

Notes

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

