

Thermylon® N-30FG-0100

Asahi Kasei Plastics North America Inc. - Polyamide 6

General Information
Product Description

This is a glass-reinforced, heat stabilized polyamide 6 compound designed 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	• Heat Stabilized

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	26400	psi	ISO 527-2
Flexural Modulus	1.26E+6	psi	ISO 178
Flexural Stress	39900	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	5.2	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	397	°F	ISO 75-2/A

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