

Thermylon® N-30FG-1626

 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 and in exterior use.

General

Material Status	<ul style="list-style-type: none"> Commercial: Active
Availability	<ul style="list-style-type: none"> North America
Filler / Reinforcement	<ul style="list-style-type: none"> Glass Fiber, 30% Filler by Weight
Additive	<ul style="list-style-type: none"> Heat Stabilizer
Features	<ul style="list-style-type: none"> Heat Stabilized
Uses	<ul style="list-style-type: none"> Outdoor Applications

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	24400	psi	ISO 527-2
Flexural Modulus	1.17E+6	psi	ISO 178
Flexural Stress	36300	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	4.5	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.
