

Thermylon® N-25FG-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, 25% Filler by Weight
Additive	• Heat Stabilizer
Features	• Good Stiffness • Good Strength • Heat Stabilized
Uses	• Structural Parts

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density	1.32	g/cm ³	ISO 1183/A
Mechanical			
Tensile Stress	23400	psi	ISO 527-2
Flexural Modulus	1.07E+6	psi	ISO 178
Flexural Stress	36000	psi	ISO 178
Impact			
Charpy Notched Impact Strength (73°F)	5.0	ft·lb/in ²	ISO 179
Thermal			
Deflection Temperature Under Load (264 psi, Unannealed)	394	°F	ISO 75-2/A

Notes

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

