

Thermylon® N3-13FG-0100

Asahi Kasei Plastics North America Inc. - *Polyamide 66*

General Information

Product Description

This is a glass reinforced, polyamide 66 compound that has been designed for good strength and stiffness for structural applications, and optimized for color stability.

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 13% Filler by Weight
Features	• Good Color Stability • Good Stiffness • Good Strength

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.23	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	17700	psi	ISO 527-2
Flexural Modulus	711000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	2.7	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	464	°F	ISO 75-2/A

Notes

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

