

Thermylon® N-25MF-W225

Asahi Kasei Plastics North America Inc. - Polyamide 6

General Information
Product Description

This high-performance, mineral reinforced, flame retardant polyamide 6 compound is designed for V-0 UL 94 rating, moderate stiffness and low warpage.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Filler / Reinforcement	• Mineral, 25% Filler by Weight
Additive	• Flame Retardant
Features	• Flame Retardant • Low Warpage • Medium Stiffness

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.58	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	9430	psi	ISO 527-2
Flexural Modulus	1.02E+6	psi	ISO 178
Flexural Stress	14600	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	1.2	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	288	°F	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	V-0		UL 94

Notes

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

