

**Thermylon® N-15FG-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, 15% Filler by Weight
Additive	• Heat Stabilizer
Features	• Good Stiffness • Good Strength • Heat Stabilized
Uses	• Structural Parts

**Properties <sup>1</sup>**

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density	1.23	g/cm <sup>3</sup>	ISO 1183/A
<b>Mechanical</b>			
Tensile Stress	18600	psi	ISO 527-2
Flexural Modulus	769000	psi	ISO 178
Flexural Stress	28600	psi	ISO 178
<b>Impact</b>			
Charpy Notched Impact Strength (73°F)	2.0	ft·lb/in <sup>2</sup>	ISO 179
<b>Thermal</b>			
Deflection Temperature Under Load (264 psi, Unannealed)	381	°F	ISO 75-2/A

**Notes**

<sup>1</sup> Typical properties: these are not to be construed as specifications.

