

Technical Data Sheet

Lucent Pa G6-15

Polyamide 66
 LyondellBasell Industries
 Engineering Plastics

Product Description

15% Glass Fiber Reinforced, Nylon 6

Colors Available
 Add "H" for Heat Stabilized
 Add "HU" for Weatherable
 Typical Properties, Dry as Molded

General

- Filler / Reinforcement • Glass Fiber, 15% Filler by Weight
- Appearance • Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.23	1.23 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	14000 psi	96.5 MPa	ASTM D638
Tensile Elongation (Break)	4.0 %	4.0 %	ASTM D638
Flexural Modulus	600000 psi	4140 MPa	ASTM D790
Flexural Strength	21000 psi	145 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact 73°F (23°C), 0.125 In (3.18 Mm)	1.1 ft·lb/in	59 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	370 °F	188 °C	ASTM D648
Peak Melting Temperature	420 to 437 °F	216 to 225 °C	ASTM D789

Notes

These are typical property values not to be construed as specification limits.