

Lucent Pa G66-13

Polyamide 66
LyondellBasell Industries
Engineering Plastics

Product Description

13% Glass Fiber Reinforced, Nylon 66

Colors Available

Add "H" for Heat Stabilized

Add "HU" for Weatherable

Typical Properties, Dry as Molded

General

Filler / Reinforcement	• Glass Fiber, 13% 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)	14500 psi	100 MPa	ASTM D638
Tensile Elongation (Break)	3.0 %	3.0 %	ASTM D638
Flexural Modulus	650000 psi	4480 MPa	ASTM D790
Flexural Strength	23000 psi	159 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact			ASTM D256
73°F (23°C), 0.125 In (3.18 Mm)	0.70 ft·lb/in	37 J/m	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed	450 °F	232 °C	
Peak Melting Temperature	482 to 509 °F	250 to 265 °C	ASTM D789

Notes

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

