

Technical Data Sheet

Lucent Pa G66-33

Polyamide 66
LyondellBasell Industries
Engineering Plastics

Product Description

33% 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, 33% Filler by Weight
Appearance	• Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.38	1.38 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	20000 psi	138 MPa	ASTM D638
Tensile Elongation (Break)	3.0 %	3.0 %	ASTM D638
Flexural Modulus	1.10E+6 psi	7580 MPa	ASTM D790
Flexural Strength	32000 psi	221 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)	1.2 ft·lb/in	64 J/m	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed	470 °F	243 °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.