

Technical Data Sheet

# Lucent Pa NP6-140

Polyamide 66  
 LyondellBasell Industries  
 Engineering Plastics

**Product Description**

15% Glass/25% Mineral Reinforced Nylon 6

Colors Available  
 Add "H" for Heat Stabilized  
 Add "HU" for Weatherable  
 Typical Properties, Dry as Molded  
 Meets GMP.PA6.013

**General**

- Filler / Reinforcement • Glass Fiber, 15% Filler by Weight • Mineral, 25% Filler by Weight
- Appearance • Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.48	1.48 g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	14500 psi	100 MPa	ASTM D638
Tensile Elongation (Break)	1.0 %	1.0 %	ASTM D638
Flexural Modulus	900000 psi	6210 MPa	ASTM D790
Flexural Strength	22000 psi	152 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)	0.80 ft·lb/in	43 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	382 °F	194 °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.