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Technical Data Sheet

Lucent Pa 66-41

Polyamide 66
LyondellBasell Industries
Engineering Plastics

Product Description
Unreinforced Nylon 66, Toughened
Colors Available Add "H" for Heat Stabilized Add "HU" for Weatherable Typical Properties, Dry as Molded

General	
Appearance	• Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.09	1.09 g/cm³	ASTM D792
Mechanical	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Strength (Yield)	8400 psi	57.9 MPa	ASTM D638
Tensile Elongation (Break)	> 30 %	> 30 %	ASTM D638
Flexural Modulus	290000 psi	2000 MPa	ASTM D790
Flexural Strength	9500 psi	65.5 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)	3.0 ft·lb/in	160 J/m	
Thermal	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed	162 °F	72.2 °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.