

Lucent PA 6-01

Polyamide 6
Lucent Polymers, Inc.

Message:
Unreinforced Nylon 6, General Purpose Injection Grade
Colors Available
Add "H" for Heat Stabilized
Add "U" for UV Stabilized
Typical Properties, Dry as Molded

General Information			
Features	General Purpose		
Uses	General Purpose		
Appearance	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.3	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	73.1	MPa	ASTM D638
Tensile Elongation (Break)	> 25	%	ASTM D638
Flexural Modulus	2760	MPa	ASTM D790
Flexural Strength	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	60.0	°C	ASTM D648
Peak Melting Temperature	216 to 225	°C	ASTM D789

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