

Lucent PA 66-01

Polyamide 66
Lucent Polymers, Inc.

Message:
Unreinforced Nylon 66, General Purpose Injection Grade
Colors Available
Add "H" for Heat Stabilized
Add "HU" for Weatherable
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	1.14	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.4	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	75.8	MPa	ASTM D638
Tensile Elongation (Break)	> 20	%	ASTM D638
Flexural Modulus	2830	MPa	ASTM D790
Flexural Strength	110	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	43	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	85.0	°C	ASTM D648
Peak Melting Temperature	250 to 265	°C	ASTM D789

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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