

# Lucent PA G6-15

Polyamide 66  
Lucent Polymers, Inc.

Message:  
15% Glass Fiber Reinforced, Nylon 6  
Colors Available  
Add "H" for Heat Stabilized  
Add "HU" for Weatherable  
Typical Properties, Dry as Molded

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Appearance	Colors Available		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.80	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	96.5	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	4140	MPa	ASTM D790
Flexural Strength	145	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	188	°C	ASTM D648
Peak Melting Temperature	216 to 225	°C	ASTM D789

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Recommended distributors for this material

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