

Lucent PA G6-33

Polyamide 6
Lucent Polymers, Inc.

Message:
33% 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,33% Filler by Weight		
Appearance	Colors Available		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.40	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	131	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	6890	MPa	ASTM D790
Flexural Strength	214	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	85	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	204	°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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