

LCA® N6-33GF

Polyamide 6

UniPlas, Inc.

Message:

LCA® N6-33GF is a Polyamide 6 (Nylon 6) material filled with 33% glass fiber. It is available in North America for injection molding.

Important attributes of LCA® N6-33GF are:

Heat Stabilizer

Lubricated

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Additive	Heat Stabilizer		
	Lubricant		
Features	Heat Stabilized		
	Lubricated		
Appearance	Black		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm ³	ASTM D792
Ash Content	33	%	ASTM D5630
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	131	MPa	
Break	128	MPa	
Tensile Elongation (Break)	2.5	%	ASTM D638
Flexural Modulus	8270	MPa	ASTM D790
Flexural Strength (Yield)	214	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	215	°C	ASTM D789

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Recommended distributors for this material

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