

# NYLOY® NG-0023N

Polyamide 6

Nytex Composites Co., Ltd.

## Message:

NYLOY® NG-0023N is a Polyamide 6 (Nylon 6) material filled with 23% glass fiber. It is available in Asia Pacific or North America.

General Information			
Filler / Reinforcement	Glass Fiber,23% Filler by Weight		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.38	%	
Across Flow	0.91	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	147	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	7060	MPa	ASTM D790
Flexural Strength	208	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	200	°C	ASTM D648

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## Recommended distributors for this material

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