

# NYLOY® NF-0040N

Polyamide 6

Nytex Composites Co., Ltd.

## Message:

NYLOY® NF-0040N is a Polyamide 6 (Nylon 6) material filled with 40% mineral. It is available in Asia Pacific or North America for injection molding.

General Information			
Filler / Reinforcement	Mineral,40% Filler by Weight		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.71	%	
Across Flow	1.0	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	116		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	88.3	MPa	ASTM D638
Tensile Elongation (Break)	1.5	%	ASTM D638
Flexural Modulus	8830	MPa	ASTM D790
Flexural Strength	137	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	45	J/m	ASTM D256
Injection	Nominal Value	Unit	
Processing (Melt) Temp	260 to 280	°C	

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## Recommended distributors for this material

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