

# NYLOY® MG-2012N-V0

Polyamide 66  
Nytex Composites Co., Ltd.

Message:

NYLOY® MG-2012N-V0 is a polyamide 66 (nylon 66) material, which contains a 12% glass fiber reinforced material. This product is available in North America or Asia Pacific region. The processing method is injection molding.

NYLOY®The main features of the MG-2012N-V0 are:

flame retardant/rated flame

Flame Retardant

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 12% filler by weight		
Additive	Flame retardancy		
Features	Flame retardancy		
Appearance	Natural color		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.61	%	ASTM D955
Transverse flow	1.1	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	117		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	110	MPa	ASTM D638
Tensile Elongation (Break)	2.7	%	ASTM D638
Flexural Modulus	5470	MPa	ASTM D790
Flexural Strength	162	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	74	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	210	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	260 - 290	°C	
Mold Temperature	80.0	°C	

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