

NYLOY® MG-0033N-V0

Polyamide 66
Nytex Composites Co., Ltd.

Message:

NYLOY® MG-0033N-V0 is a Polyamide 66 (Nylon 66) material filled with 30% glass fiber. It is available in Asia Pacific or North America for injection molding.
Important attributes of NYLOY® MG-0033N-V0 are:
Flame Rated
Flame Retardant

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.39	%	
Across Flow	1.1	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	119		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	154	MPa	ASTM D638
Tensile Elongation (Break)	1.0	%	ASTM D638
Flexural Modulus	9240	MPa	ASTM D790
Flexural Strength	229	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	245	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	270 to 300	°C	
Mold Temperature	80.0	°C	

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