

NYLOY® M-0030N-V N1

Polyamide 66

Nytex Composites Co., Ltd.

Message:

NYLOY® M-0030N-V N1 is a Polyamide 66 (Nylon 66) material. It is available in Asia Pacific or North America for injection molding.

Important attributes of NYLOY® M-0030N-V N1 are:

Flame Rated

Flame Retardant

Halogen Free

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.00	g/cm ³	ASTM D792
--	1.17	g/cm ³	ISO 1183
Molding Shrinkage			ASTM D955, ISO 294-4
Flow	1.3	%	
Across Flow	1.3	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			
R-Scale	118		ASTM D785
R-Scale	117		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
--	76.5	MPa	ASTM D638
--	78.0	MPa	ISO 527-2
Tensile Elongation (Break)	15	%	ASTM D638, ISO 527-2
Flexural Modulus			
--	3330	MPa	ASTM D790
--	3100	MPa	ISO 178
Flexural Strength			
--	113	MPa	ASTM D790
--	114	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.5	kJ/m ²	ISO 179/1eA

Notched Izod Impact (23°C, 3.18 mm)	39	J/m	ASTM D256
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	250 to 265	°C	
Mold Temperature	70.0	°C	

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Recommended distributors for this material

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