

NYLOY® M-0100B-V0

Polyamide 66
Nytex Composites Co., Ltd.

Message:

NYLOY® M-0100B-V0 is a Polyamide 66 (Nylon 66) material. It is available in Asia Pacific or North America for injection molding.
Important attributes of NYLOY® M-0100B-V0 are:
Flame Rated
Flame Retardant

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	1.1	%	
Across Flow	1.3	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	79		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	60.8	MPa	ASTM D638
Tensile Elongation (Break)	21	%	ASTM D638
Flexural Modulus	2840	MPa	ASTM D790
Flexural Strength	97.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	74	J/m	ASTM D256
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	250 to 280	°C	
Mold Temperature	80.0	°C	

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Recommended distributors for this material

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