

NYLOY® MG-1020NM-1

Polyamide 66
Nytex Composites Co., Ltd.

Message:
NYLOY® MG-1020NM-1 is a Polyamide 66 (Nylon 66) material filled with 20% glass fiber. It is available in Asia Pacific or North America. Primary attribute of NYLOY® MG-1020NM-1: Impact Modified.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Additive	Impact Modifier		
Features	Impact Modified		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.06	g/cm ³	ASTM D792
--	1.23	g/cm ³	ISO 1183
Molding Shrinkage			ASTM D955, ISO 294-4
Flow	0.59	%	
Across Flow	1.1	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
--	110	MPa	ASTM D638
--	112	MPa	ISO 527-2
Tensile Elongation			
Break	4.0	%	ASTM D638
Break	3.5	%	ISO 527-2
Flexural Modulus	5300	MPa	ASTM D790, ISO 178
Flexural Strength			
--	162	MPa	ASTM D790
--	160	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	15	kJ/m ²	
23°C	20	kJ/m ²	
Notched Izod Impact			ASTM D256
-20°C, 3.18 mm	120	J/m	
23°C, 3.18 mm	200	J/m	

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Recommended distributors for this material

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