

NYLOY® MG-1014NM

Polyamide 66
Nytex Composites Co., Ltd.

Message:
NYLOY® MG-1014NM is a Polyamide 66 (Nylon 66) material filled with 14% glass fiber. It is available in Asia Pacific or North America. Primary attribute of NYLOY® MG-1014NM: Impact Modified.

General Information			
Filler / Reinforcement	Glass Fiber,14% Filler by Weight		
Additive	Impact Modifier		
Features	Impact Modified		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.00	g/cm³	ASTM D792
--	1.17	g/cm³	ISO 1183
Molding Shrinkage			
Flow	1.1	%	ASTM D955, ISO 294-4
Across Flow	1.3	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	114		ASTM D785, ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
--	73.6	MPa	ASTM D638
--	73.0	MPa	ISO 527-2
Tensile Elongation			
Break	8.0	%	ASTM D638
Break	10	%	ISO 527-2
Flexural Modulus			
--	3380	MPa	ASTM D790
--	3520	MPa	ISO 178
Flexural Strength	113	MPa	ASTM D790, ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	25	kJ/m²	ISO 179/1eA
Notched Izod Impact (23°C, 3.18 mm)	250	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	195	°C	ASTM D648

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