

NYLOY® NG-1112B

Polyamide 6

Nytex Composites Co., Ltd.

Message:

NYLOY® NG-1112B is a Polyamide 6 (Nylon 6) material filled with 12% glass fiber. It is available in Asia Pacific or North America. Primary attribute of NYLOY® NG-1112B: Impact Modified.

General Information			
Filler / Reinforcement	Glass Fiber,12% Filler by Weight		
Additive	Impact Modifier		
Features	Impact Modified		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.61	%	
Across Flow	0.91	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	114		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	83.4	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	4170	MPa	ASTM D790
Flexural Strength	127	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	140	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	190	°C	ASTM D648

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Recommended distributors for this material

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