



NYPLA INDUSTRIAL CO., LTD.

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Product Information

NYLOY[®] MG-0033N

• Nylon 66 • 33%Glass Fiber Reinforced • Natural

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	psi	25604.55
Elongation	ASTM D638	%	2
Flexural Strength	ASTM D790	psi	38406.83
Flexural Modulus	ASTM D790	psi	1450924.61
IZOD Impact, Notched 1/8" 73.4°F	ASTM D256	ft-lb/in	2.94
IZOD Impact, Notched 1/8" -4°F	ASTM D256	ft-lb/in	0
Hardness Rockwell R Scale	ASTM D785	-	R-115
Hardness Shore D	ASTM D2240	-	-
THERMAL			
Heat Deflection Temp	ASTM D648		
264 psi		°F	482
66 psi		°F	-
OTHER			
Density	ASTM D792	lb/in ³	0.0428
Mold Shrinkage	ASTM D955		-
Normal		%	1.21
Parallel		%	0.43
Moisture Contents	-	%	-
REMARK			
(1) This data is for reference only.			