



# NYPLA INDUSTRIAL CO., LTD.

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## Product Information

## NYLOY<sup>®</sup> MG-0033N

• Nylon 66 • 33%Glass Fiber Reinforced • Natural

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ISO 527	MPa	180
Elongation	ISO 527	%	3.2
Flexural Strength	ISO 178	MPa	270
Flexural Modulus	ISO 178	MPa	8700
Charpy Impact, Notched 23° C	ISO 179/ 1eA	kJ/m <sup>2</sup>	15
Charpy Impact, Notched -20°C	ISO 179/ 1eA	kJ/m <sup>2</sup>	-
Hardness Rockwell R Scale	ISO 2039	-	R-115
Hardness Shore D	ISO 868	-	-
THERMAL			
Heat Deflection Temp	ISO 75		
1.82MPa		°C	245
0.46MPa		°C	-
OTHER			
Density	ISO 1183	g/cm <sup>3</sup>	1.38
Mold Shrinkage	ISO 294-4		-
Normal		%	1.21
Parallel		%	0.43
Ash Content	-	%	33
REMARK			
(1) This data is for reference only.			