



# NYTEX COMPOSITES CO., LTD.

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## Product Information

## NYLOY® NG-1035NM

- Nylon 6
- 35% Glass Fiber Reinforced/Impact Modified
- Natural

PROPERTY	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ISO 527	MPa	140
Elongation	ISO 527	%	3.3
Flexural Strength	ISO 178	MPa	210
Flexural Modulus	ISO 178	MPa	7500
Charpy Impact, Notched 23° C	ISO 179/ 1eA	kJ/m <sup>2</sup>	27
Charpy Impact, Notched -20° C	ISO 179/ 1eA	kJ/m <sup>2</sup>	-
Hardness Rockwell R Scale	ISO 2039	-	R-114
Hardness Shore D	ISO 868	-	-
<b>THERMAL</b>			
Heat Deflection Temp	ISO 75		
1.82MPa		°C	200
0.46MPa		°C	-
<b>OTHER</b>			
Density	ISO 1183	g/cm <sup>3</sup>	1.36
Mold Shrinkage	ISO 294-4		-
Normal		%	0.96
Parallel		%	0.34
Ash Content	-	%	35
<b>REMARK</b>			
(1) This data is for reference only.			