



# NYTEX COMPOSITES CO., LTD.

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## Product Information

## NYLOY® NG-0050N

• Nylon 6 • 50% Glass Fiber Reinforced • Natural

PROPERTY	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ASTM D638	psi	29871.98
Elongation	ASTM D638	%	2
Flexural Strength	ASTM D790	psi	41251.78
Flexural Modulus	ASTM D790	psi	1792318.63
IZOD Impact, Notched 1/8" 73.4°F	ASTM D256	ft-lb/in	4.04
IZOD Impact, Notched 1/8" -4°F	ASTM D256	ft-lb/in	-
Hardness Rockwell R Scale	ASTM D785	-	R-119
Hardness Shore D	ASTM D2240	-	-
<b>THERMAL</b>			
Heat Deflection Temp	ASTM D648		
264 psi		°F	419
66 psi		°F	-
<b>OTHER</b>			
Density	ASTM D792	lb/in <sup>3</sup>	0.0485
Mold Shrinkage	ASTM D955		-
Normal		%	0.91
Parallel		%	0.34
Moisture Contents	-	%	-
<b>REMARK</b>			
(1) This data is for reference only.			