



NYTEX COMPOSITES CO., LTD.

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Product Information

NYLOY[®] NG-0013N

• Nylon 6 • 13% Glass Fiber Reinforced • Natural

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	kg/cm ² (MPa)	1000 (98.14)
Elongation	ASTM D638	%	2
Flexural Strength	ASTM D790	kg/cm ² (MPa)	1780 (174.68)
Flexural Modulus	ASTM D790	kg/cm ² (MPa)	5.2x10 ⁴ (5103.04)
IZOD Impact, Notched 1/8" 23°C	ASTM D256	kg-cm/cm (J/M)	7.0 (68.63)
IZOD Impact, Notched 1/8" -20°C	ASTM D256	kg-cm/cm (J/M)	-
Hardness Rockwell R Scale	ASTM D785	-	R-108
Hardness Shore D	ASTM D2240	-	-
THERMAL			
Heat Deflection Temp	ASTM D648		
(18.6kg/cm ²) (1.82MPa)		°C	190
(4.6kg/cm ²) (0.46MPa)		°C	-
OTHER			
Density	ASTM D792	g/cm ³	1.185
Mold Shrinkage	ASTM D955		-
Normal		%	1.01
Parallel		%	0.49
Moisture Contents	-	%	-
REMARK			
⁽¹⁾ This data is for reference only.			