



NYTEX COMPOSITES CO., LTD.

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Product Information

NYLOY[®] MG-0033N-V0

- Nylon 66
- 30% Glass Fiber Reinforced/Flame Retardant
- Natural

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	kg/cm ² (MPa)	1570 (154.07)
Elongation	ASTM D638	%	1
Flexural Strength	ASTM D790	kg/cm ² (MPa)	2330 (228.66)
Flexural Modulus	ASTM D790	kg/cm ² (MPa)	9.42x10 ⁴ (9244.36)
IZOD Impact, Notched 1/8" 23°C	ASTM D256	kg-cm/cm (J/M)	12.5 (122.55)
IZOD Impact, Notched 1/8" -20°C	ASTM D256	kg-cm/cm (J/M)	-
Hardness Rockwell R Scale	ASTM D785	-	R-119
Hardness Shore D	ASTM D2240	-	-
THERMAL			
Heat Deflection Temp	ASTM D648		
(18.6kg/cm ²) (1.82MPa)		°C	245
(4.6kg/cm ²) (0.46MPa)		°C	-
OTHER			
Density	ASTM D792	g/cm ³	1.558
Mold Shrinkage	ASTM D955		-
Normal		%	1.08
Parallel		%	0.39
Moisture Contents	-	%	-
Flammability	UL-94	1.6mm	V0
	UL-94	3.2mm	-
REMARK			
(1) This data is for reference only.			