



SHANGHAI NYTEX COMPOSITES

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<http://www.nytex.com.cn>

Product Information

NYLOY[®] MG-8030N-V 60N1

- Nylon 66
- 34% Glass Fiber Reinforced / Non-Halogen Flame Retardant
- Natural

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	kg/cm ² (MPa)	1350 (132.48)
Elongation	ASTM D638	%	1.5
Flexural Strength	ASTM D790	kg/cm ² (MPa)	1900 (186.46)
Flexural Modulus	ASTM D790	kg/cm ² (MPa)	9.70x10 ⁴ (9519.14)
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	-	-
Hardness Shore D	ASTM D2240	-	-
THERMAL			
Heat Deflection Temp (18.6kg/cm ²) (1.82MPa)	ASTM D648	°C	235
(4.6kg/cm ²) (0.46MPa)		°C	-
ELECTRICAL			
Arc Resistance	ASTM D495	sec	-
CTI,solution A	IEC 60112	-	-
OTHER			
Density	ASTM D792	g/cm ³	1.435
Mold Shrinkage	ASTM D955		-
Normal		%	1.28
Parallel		%	0.48
Moisture Contents	-	%	-
Flammability	UL-94	1.6mm	V0
	UL-94	3.2mm	-
REMARK			
(1) This data is for reference only.			