



# NYTEX COMPOSITES CO., LTD.

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## Product Information

## NYLOY<sup>®</sup> MG-8030N-V 60BK1

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

PROPERTY	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ISO 527	MPa	120
Elongation	ISO 527	%	1.8
Flexural Strength	ISO 178	MPa	180
Flexural Modulus	ISO 178	MPa	9000
Charpy Impact, Notched 23° C	ISO 179/ 1eA	kJ/m <sup>2</sup>	6
Charpy Impact, Notched -20°C	ISO 179/ 1eA	kJ/m <sup>2</sup>	-
Hardness Rockwell R Scale	ISO 2039	-	-
Hardness Shore D	ISO 868	-	-
<b>THERMAL</b>			
Heat Deflection Temp	ISO 75		
1.82MPa		°C	230
0.46MPa		°C	-
<b>OTHER</b>			
Density	ISO 1183	g/cm <sup>3</sup>	1.43
Mold Shrinkage	ISO 294-4		-
Normal		%	1.06
Parallel		%	0.38
Ash Content	-	%	35
Flammability	UL-94	1.6mm	V0
	UL-94	3.2mm	-
<b>REMARK</b>			
(1) This data is for reference only.			