



# SHANGHAI NYTEX COMPOSITES

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## Product Information

## NYLOY<sup>®</sup> GMG-0133B-2

- Nylon 66
- Glass Fiber Reinforced
- Black

Lot.No. : F2A2260026

PROPERTIES	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ASTM D638	kg/cm <sup>2</sup> (MPa)	1450 (142)
Elongation	ASTM D638	%	2.5
Flexural Strength	ASTM D790	kg/cm <sup>2</sup> (MPa)	2250 (220)
Flexural Modulus	ASTM D790	kg/cm <sup>2</sup> (MPa)	86000 (8425)
IZOD Impact, Notched 23° C	ASTM D256	kg-cm/cm (J/M)	10.0 (98)
IZOD Impact, Notched -20°C	ASTM D256	kg-cm/cm (J/M)	-
Hardness Rockwell R Scale	ASTM D785	-	-
<b>THERMAL</b>			
Heat Deflection Temp	ASTM D648		
264 psi		°C	-
<b>OTHER</b>			
Density	ASTM D792	g/cm <sup>3</sup>	1.395
Mold Shrinkage	ASTM D955		
Normal, 2.0mm		%	-
Parallel, 2.0mm		%	-
Flammability	UL-94	1.6mm	-
<b>REMARK</b>			
(1) This data is for reference only.			

## Moulding guide

Drying Temp.	C°	100~120
Drying Time	hr	2~4
Mold Temp.	C°	100~120
1 <sup>st</sup> inj.		
V(%) / P(%)	%	55/60
2 <sup>nd</sup> inj.		
V(%) / P(%)	%	50/45
3 <sup>rd</sup> inj.		
V(%) / P(%)	%	30/25
4 <sup>th</sup> inj.		
V(%) / P(%)	%	20/15
Nozzle Temp.	C°	270~290
1 <sup>st</sup> Barrel Temp.	C°	290~310
2 <sup>nd</sup> Barrel Temp.	C°	280~300
3 <sup>rd</sup> Barrel Temp.	C°	260~280
Cooling Time	Sec.	25

REMARK

**This data-sheet is for reference only.**