



# SHANGHAI NYTEX COMPOSITES

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## Product Information

## NYLOY<sup>®</sup> LG-0030N B1

- LCP
- Glass Fiber Reinforced
- Black

PROPERTIES	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ISO 527	kg/cm <sup>2</sup> (MPa)	1530 (150)
Elongation	ISO 527	%	1.4
Flexural Strength	ISO 178	kg/cm <sup>2</sup> (MPa)	2040 (200)
Flexural Modulus	ISO 178	kg/cm <sup>2</sup> (MPa)	132653 (13000)
IZOD Impact, Notched 23° C	ISO 179	kJ/m <sup>2</sup> (J/M)	10 (102)
IZOD Impact, Notched -20°C	ISO 179	kJ/m <sup>2</sup> (J/M)	-
<b>THERMAL</b>			
Heat Deflection Temp (18.6kg/cm <sup>2</sup> ) (1.82MPa)	ISO 75	°C	270
<b>OTHER</b>			
Density	ISO 1183	g/cm <sup>3</sup>	1.6
Mold Shrinkage Parallel, 2.0mm	ISO 294-4	%	0.15
<b>REMARK</b>			
(1) This data is for reference only .			

## Moulding guide

Drying Temp.	°C	140-150
Drying Time	hr	4-12
Mold Temp.	°C	80-120
1 <sup>st</sup> inj.		
V(%)/P(%)	%	20/40
2 <sup>nd</sup> inj.		
V(%)/P(%)	%	20/35
3 <sup>rd</sup> inj.		
V(%)/P(%)	%	20/25
4 <sup>th</sup> inj		
V(%)/P(%)	%	-
Nozzle Temp.	°C	340-360
1 <sup>st</sup> Barrel Temp.	°C	345-365
2 <sup>nd</sup> Barrel Temp.	°C	340-360
3 <sup>rd</sup> Barrel Temp.	°C	320-340
Cooling Time	Sec.	20

REMARK

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