



# SHANGHAI NYTEX COMPOSITES

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

## Product Information

## NYLOY<sup>®</sup> UG-8030N-V 10T NL

- PA10T • 30% glass fiber reinforced / halogen free flame retardant
- Natural

PROPERTIES	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ISO 527	MPa	135
Elongation	ISO 527	%	2.0
Flexural Strength	ISO 178	MPa	200
Flexural Modulus	ISO 178	MPa	9200
Charpy Impact, Notched 23° C	ISO 179/2-1eU	kJ/m <sup>2</sup>	7.5
Charpy Impact, Notched -30°C	ISO 179/2-1eU	kJ/m <sup>2</sup>	7.0
Hardness Rockwell R Scale	ISO 2039	-	-
<b>THERMAL</b>			
Heat Deflection Temp 1.8 MPa	ISO 75	°C	300
<b>OTHER</b>			
Specific Gravity	ISO 1183	g/cm <sup>3</sup>	1.40
Mold Shrinkage	ISO 294		
Normal		%	-
Parallel		%	-
Flammability	UL-94	0.4mm	V0
<b>REMARK</b>			
(1)This data is for reference only .			

## Moulding guide

Drying Temp.	°C	100~120
Drying Time	hr	4~12
Mold Temp.	°C	125~145
1 <sup>st</sup> inj.		
V(%)/P(%)	%	75/65
2 <sup>nd</sup> inj.		
V(%)/P(%)	%	65/55
3 <sup>rd</sup> inj.		
V(%)/P(%)	%	55/45
4 <sup>th</sup> inj		
V(%)/P(%)	%	35/20
Nozzle Temp.	°C	325~335
1 <sup>st</sup> Barrel Temp.	°C	330~340
2 <sup>nd</sup> Barrel Temp.	°C	325~335
3 <sup>rd</sup> Barrel Temp.	°C	305~315
Cooling Time	Sec.	16

REMARK

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