



# NYPLA INDUSTRIAL CO., LTD.

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## Product Information

## NYLOY<sup>®</sup> .UG-0030N PPA

● PA10T ● 30% Glass Fiber Reinforced ● Natural

Lot.No.: TC32311102

PROPERTIES	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ISO 527	kg/cm <sup>2</sup> (MPa)	1520 (150)
Elongation	ISO 527	%	2.0
Flexural Strength	ISO 178	kg/cm <sup>2</sup> (MPa)	2450 (240)
Flexural Modulus	ISO 178	kg/cm <sup>2</sup> (MPa)	81500 (8000)
Charpy Impact, Notched 23° C	ISO 179/2-1eA	kJ/m <sup>2</sup>	9.5
Charpy Impact, Notched -30°C	ISO 179/2-1eA	kJ/m <sup>2</sup>	9.0
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>	1.37
Mold Shrinkage	ISO 294		
Normal		%	-
Parallel		%	-
Flammability	UL-94	1.6mm	-
<b>REMARK</b>			
(1) This data-sheet is for reference only .			

## Moulding guide

Drying Temp.	C°	80~120
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°	330~340
1 <sup>st</sup> Barrel Temp.	C°	340~350
2 <sup>nd</sup> Barrel Temp.	C°	330~340
3 <sup>rd</sup> Barrel Temp.	C°	305~315
Cooling Time	Sec.	16

REMARK

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