



## Product Information

## NYLOY<sup>®</sup> JG-0030N

- PPS
- Glass Fiber Reinforced
- Nature

PROPERTIES	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ISO 527	kg/cm <sup>2</sup> (MPa)	1714 (168)
Elongation	ISO 527	%	1.5
Flexural Strength	ISO 178	kg/cm <sup>2</sup> (MPa)	2295 (225)
Flexural Modulus	ISO 178	kg/cm <sup>2</sup> (MPa)	107142 (10500)
Charpy Impact, Notched 23° C	ISO 179	KJ/m <sup>2</sup> (J/M)	9 (88.2)
<b>THERMAL</b>			
Heat Deflection Temp (18.4kg/cm <sup>2</sup> )(1.8MPa)	ISO 75	°C	255
<b>OTHER</b>			
Density	ISO 1183	g/cm <sup>3</sup>	1.56
<b>REMARK</b>			
(1) This data is for reference only.			

## Moulding guide

Drying Temp.	°C	130-140
Drying Time	hr	3-5
Mold Temp.	°C	135-150
1 <sup>st</sup> inj.		
V(%)/P(%)	%	60/55
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	300-330
1 <sup>st</sup> Barrel Temp.	°C	310-340
2 <sup>nd</sup> Barrel Temp.	°C	300-330
3 <sup>rd</sup> Barrel Temp.	°C	290-320
Cooling Time	Sec.	20

REMARK

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