



**NYPLA INDUSTRIAL CO., LTD.**

TEL:909-7843888 FAX:909-7843889

<http://www.nypla.com>

## Product Information

**NYLOY® JG-0040N**

- PPS
- Glass Fiber Reinforced
- Nature

PROPERTIES	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ISO 527	kg/cm <sup>2</sup> (MPa)	1816 (178)
Elongation	ISO 527	%	1.5
Flexural Strength	ISO 178	kg/cm <sup>2</sup> (MPa)	2785 (273)
Flexural Modulus	ISO 178	kg/cm <sup>2</sup> (MPa)	137755 (13500)
Charpy Impact, Notched 23° C	ISO 179	KJ/m <sup>2</sup> (J/M)	8.5 (83.3)
<b>THERMAL</b>			
Heat Deflection Temp (18.4kg/cm <sup>2</sup> )(1.8MPa)	ISO 75	°C	270
<b>OTHER</b>			
Density	ISO 1183	g/cm <sup>3</sup>	1.64
<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 .**