



Product Information

NYLOY® JG-0040N

- PPS
- Glass Fiber Reinforced
- Nature

PROPERTIES	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ISO 527	kg/cm ² (MPa)	1816 (178)
Elongation	ISO 527	%	1.5
Flexural Strength	ISO 178	kg/cm ² (MPa)	2785 (273)
Flexural Modulus	ISO 178	kg/cm ² (MPa)	137755 (13500)
Charpy Impact, Notched 23° C	ISO 179	KJ/m ² (J/M)	8.5 (83.3)
THERMAL			
Heat Deflection Temp (18.4kg/cm ²)(1.8MPa)	ISO 75	°C	270
OTHER			
Density	ISO 1183	g/cm ³	1.64
REMARK			
(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 st inj.		
V(%) / P(%)	%	60/55
2 nd inj.		
V(%) / P(%)	%	50/45
3 rd inj.		
V(%) / P(%)	%	30/25
4 th inj		
V(%) / P(%)	%	20/15
Nozzle Temp.	°C	300-330
1 st Barrel Temp.	°C	310-340
2 nd Barrel Temp.	°C	300-330
3 rd Barrel Temp.	°C	290-320
Cooling Time	Sec.	20

REMARK

This data-sheet is for reference only .