



NYPLA INDUSTRIAL CO., LTD.

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Product Information

NYLOY® UG-8030N-V 40B1

• PPA • Glass Fiber Reinforced/Free Halogen Flame • Black

PROPERTIES	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ISO 527	MPa	150
Elongation	ISO 527	%	2.0
Flexural Strength	ISO 178	MPa	220
Flexural Modulus	ISO 178	MPa	10000
Charpy Impact, Notched 23° C	ISO 179/ 1eA	kJ/m ²	6.0
Charpy Impact, Notched -30°C	ISO 179/ 1eA	kJ/m ²	-
Hardness Rockwell R Scale	ISO 2039	-	-
THERMAL			
Heat Deflection Temp 1.82MPa	ISO 75	°C	280
OTHER			
Density	ISO 1183	g/cm ³	1.44
Mold Shrinkage	ISO 294-4		
Normal		%	-
Parallel		%	-
Flammability	UL-94	0.4 mm	V0
REMARK			
(1)This data is for reference only .			

Moulding guide

Drying Temp.	°C	110~120
Drying Time	hr	2~4
Mold Temp.	°C	130~140
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	310~330
1 st Barrel Temp.	°C	320~340
2 nd Barrel Temp.	°C	310~330
3 rd Barrel Temp.	°C	300~320
Cooling Time	Sec.	16

REMARK

This data-sheet is for reference only.