



NYPLA INDUSTRIAL CO., LTD.

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Product Information

NYLOY[®] UG-0033N-V 10T NL

- PA10T
- 33% glass fiber reinforced / flame retardant
- Natural

PROPERTIES	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ISO 527	MPa	170
Elongation	ISO 527	%	2.0
Flexural Strength	ISO 178	MPa	240
Flexural Modulus	ISO 178	MPa	10000
Charpy Impact, Notched 23° C	ISO 179/2-1eU	kJ/m ²	10.5
Charpy Impact, Notched -30°C	ISO 179/2-1eU	kJ/m ²	10.0
Hardness Rockwell R Scale	ISO 2039	-	-
THERMAL			
Heat Deflection Temp 1.8 MPa	ISO 75	°C	285
OTHER			
Specific Gravity	ISO 1183	g/cm ³	1.60
Mold Shrinkage	ISO 294		
Normal		%	-
Parallel		%	-
Flammability	UL-94	1.6mm	V0
REMARK			
(1)This data is for reference only .			

Moulding guide

Drying Temp.	°C	100~120
Drying Time	hr	4~12
Mold Temp.	°C	115~125
1 st inj.		
V(%) / P(%)	%	75/65
2 nd inj.		
V(%) / P(%)	%	65/55
3 rd inj.		
V(%) / P(%)	%	55/45
4 th inj.		
V(%) / P(%)	%	35/20
Nozzle Temp.	°C	300~320
1 st Barrel Temp.	°C	310~330
2 nd Barrel Temp.	°C	300~320
3 rd Barrel Temp.	°C	280~300
Cooling Time	Sec.	16

REMARK

This data-sheet is for reference only.