



SHANGHAI NYTEX COMPOSITES

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Product Information

NYLOY® .UG-0030N PPA

● PA10T ● 30% Glass Fiber Reinforced ● Natural

Lot.No.: TC32311102

PROPERTIES	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ISO 527	kg/cm ² (MPa)	1520 (150)
Elongation	ISO 527	%	2.0
Flexural Strength	ISO 178	kg/cm ² (MPa)	2450 (240)
Flexural Modulus	ISO 178	kg/cm ² (MPa)	81500 (8000)
Charpy Impact, Notched 23° C	ISO 179/2-1eA	kJ/m ²	9.5
Charpy Impact, Notched -30°C	ISO 179/2-1eA	kJ/m ²	9.0
Hardness Rockwell R Scale	ISO 2039	-	-
THERMAL			
Heat Deflection Temp 1.8 MPa	ISO 75	°C	300
OTHER			
Specific Gravity	ISO 1183	g/cm ³	1.37
Mold Shrinkage	ISO 294		
Normal		%	-
Parallel		%	-
Flammability	UL-94	1.6mm	-
REMARK			
(1) This data-sheet is for reference only .			

Moulding guide

Drying Temp.	C°	80~120
Drying Time	hr	4~12
Mold Temp.	C°	125~145
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°	330~340
1 st Barrel Temp.	C°	340~350
2 nd Barrel Temp.	C°	330~340
3 rd Barrel Temp.	C°	305~315
Cooling Time	Sec.	16

REMARK

This data-sheet is for reference only.