



SHANGHAI NYTEX COMPOSITES

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Product Information

NYLOY[®] LG-2030N B1

• LCP • Glass & Mineral Fiber Reinforced • Black

PROPERTIES	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ISO 527	kg/cm ² (MPa)	1122 (110)
Elongation	ISO 527	%	1.5
Flexural Strength	ISO 178	kg/cm ² (MPa)	1428 (140)
Flexural Modulus	ISO 178	kg/cm ² (MPa)	102040 (10000)
IZOD Impact, Notched 23° C	ISO 179	kJ/m ² (J/M)	7 (68.6)
THERMAL			
Heat Deflection Temp (18.2kg/cm ²) (1.82MPa)	ISO 75	°C	250
OTHER			
Density	ISO 1183	g/cm ³	1.64
Mold Shrinkage Parallel, 2.0mm	ISO 294-4	%	0.1
REMARK			
(1) This data is for reference only .			

Moulding guide

Drying Temp.	°C	140-150
Drying Time	hr	4-12
Mold Temp.	°C	80-120
1 st inj.		
V(%)/P(%)	%	20/40
2 nd inj.		
V(%)/P(%)	%	20/35
3 rd inj.		
V(%)/P(%)	%	20/25
4 th inj		
V(%)/P(%)	%	-
Nozzle Temp.	°C	340-360
1 st Barrel Temp.	°C	345-365
2 nd Barrel Temp.	°C	340-360
3 rd Barrel Temp.	°C	320-340
Cooling Time	Sec.	20

REMARK

This data-sheet is for reference only .