



# SHANGHAI NYTEX COMPOSITES

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## Product Information

## NYLOY® .KG-0030N-1

● Nylon 11 ● 30% Glass Fiber Reinforced ● Nature

Lot.No.:TC12311002

PROPERTIES	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ISO 527	MPa	100
Elongation	ISO 527	%	8
Flexural Strength	ISO 178	MPa	120
Flexural Modulus	ISO 178	MPa	4000
Charpy Impact, Notched 23° C	ISO 179/ 1eA	kJ/m <sup>2</sup>	28
Charpy Impact, Notched -30°C	ISO 179/ 1eA	kJ/m <sup>2</sup>	13
Charpy Impact, 23° C	ISO 179/ 1eA	kJ/m <sup>2</sup>	95
Charpy Impact, -30°C	ISO 179/ 1eA	kJ/m <sup>2</sup>	85
Hardness Rockwell R Scale	ISO 2039	-	-
<b>THERMAL</b>			
Heat Deflection Temp 1.82MPa	ISO 75	°C	-
<b>OTHER</b>			
Density	ISO 1183	g/cm <sup>3</sup>	1.26
Mold Shrinkage	ISO 294-4		
Normal		%	-
Parallel		%	-
Flammability	UL-94	1.6mm	-
<b>REMARK</b>			
(1) This data-sheet is for reference only .			