



SHANGHAI NYTEX COMPOSITES

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Product Information

NYLOY[®] M-0030N-V N1

- Nylon 66
- Non-Halogen Flame Retardant
- Natural

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ISO 527	MPa	78
Elongation	ISO 527	%	15
Flexural Strength	ISO 178	MPa	114
Flexural Modulus	ISO 178	MPa	3100
Charpy Impact, Notched 23° C	ISO 179/ 1eA	kJ/m ²	3.5
Charpy Impact, Notched -20°C	ISO 179/ 1eA	kJ/m ²	-
Hardness Rockwell R Scale	ISO 2039	-	R-117
Hardness Shore D	ISO 868	-	-
THERMAL			
Heat Deflection Temp	ISO 75		
1.82MPa		°C	-
0.46MPa		°C	-
OTHER			
Density	ISO 1183	g/cm ³	1.17
Mold Shrinkage	ISO 294-4		-
Normal		%	1.33
Parallel		%	1.34
Ash Content	-	%	-
Flammability	UL-94	1.6mm	V0
	UL-94	3.2mm	-
REMARK			
(1) This data is for reference only.			