



SHANGHAI NYTEX COMPOSITES

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Product Information

NYLOY[®] MS-0100N

• Nylon 66 • Impact Modified • Natural

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ISO 527	MPa	40
Elongation	ISO 527	%	120
Flexural Strength	ISO 178	MPa	54
Flexural Modulus	ISO 178	MPa	1300
Charpy Impact, Notched 23° C	ISO 179/ 1eA	kJ/m ²	100
Charpy Impact, Notched -20° C	ISO 179/ 1eA	kJ/m ²	80
Hardness Rockwell R Scale	ISO 2039	-	-
Hardness Shore D	ISO 868	-	D-72
THERMAL			
Heat Deflection Temp	ISO 75		
1.82MPa		°C	-
0.46MPa		°C	-
OTHER			
Density	ISO 1183	g/cm ³	1.06
Mold Shrinkage	ISO 294-4		-
Normal		%	1.68
Parallel		%	1.53
Ash Content	-	%	-
Flammability	UL-94	1.6mm	-
	UL-94	3.2mm	-
REMARK			
(1) This data is for reference only.			