



NYPLA INDUSTRIAL CO., LTD.

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Product Information

NYLOY[®] NG-0050N

• Nylon 6 • 50% Glass Fiber Reinforced • Natural

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ISO 527	MPa	198
Elongation	ISO 527	%	2.5
Flexural Strength	ISO 178	MPa	300
Flexural Modulus	ISO 178	MPa	11000
Charpy Impact, Notched 23° C	ISO 179/ 1eA	kJ/m ²	18
Charpy Impact, Notched -20°C	ISO 179/ 1eA	kJ/m ²	-
Hardness Rockwell R Scale	ISO 2039	-	R-115
Hardness Shore D	ISO 868	-	-
THERMAL			
Heat Deflection Temp	ISO 75		
1.82MPa		°C	206
0.46MPa		°C	-
OTHER			
Density	ISO 1183	g/cm ³	1.48
Mold Shrinkage	ISO 294-4		-
Normal		%	0.91
Parallel		%	0.34
Ash Content	-	%	43
REMARK			
(1) This data is for reference only.			