



# NYPLA INDUSTRIAL CO., LTD.

TEL: 626-6264889 FAX: 626-6264898  
http://www.nypla.com

## Product Information

## NYLOY<sup>®</sup> UB-0010N G50N2N

• High Temp. Nylon • Glass Fiber Reinforced • Natural

PROPERTY	METHOD	UNIT	RESULT	
<b>MECHANICAL</b>				
Tensile Strength	ISO 527	MPa	220	
Tensile Modulus	ISO 527	MPa	-	
Elongation	ISO 527	%	2	
Flexural Strength	ISO 178	MPa	320	
Flexural Modulus	ISO 178	MPa	14000	
Charpy Impact, Notched 23° C	ISO 179	kJ/M <sup>2</sup>	12	
<b>THERMAL</b>				
Heat Deflection Temp (18.6kg/cm <sup>2</sup> )(1.82MPa)	ISO 75	°C	235	
<b>OTHER</b>				
Ash Contents	ISO 3451	%	GF 50	
Flammability	UL-94	1.6mm	-	
	UL-94	0.8mm	-	
Density	ISO 1183	g/cm <sup>3</sup>	1.58	
<b>PHYSICAL</b>				
Mold Shrinkage	ISO 294-4		-	
		Normal	%	0.54
		Parallel	%	0.28
<b>FLAMMABILITY</b>				
Glow Wire Test(GWFI)	IEC 60695-2-12	2.0mm	-	
Glow Wire Test(GWIT)	IEC 60695-2-13	2.0mm	-	
<b>REMARK</b>				
(1)This data is for reference only.				