



# NYTEX COMPOSITES CO., LTD.

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## Product Information

## NYLOY<sup>®</sup>UB-0010N-V G35N4N

- High Temp. Nylon
- Glass Fiber Reinforced / Non-Halogen Flame Retardant
- Natural

PROPERTY	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ISO 527	MPa	170
Elongation	ISO 527	%	2.5
Flexural Strength	ISO 178	MPa	260
Flexural Modulus	ISO 178	MPa	10400
Charpy Impact, Notched 23° C	ISO 179	kJ/M <sup>2</sup>	9
<b>THERMAL</b>			
Heat Deflection Temp (18.6kg/cm <sup>2</sup> )(1.82MPa)	ISO 75	°C	270
<b>OTHER</b>			
Ash Contents	ISO 3451	%	GF 35
Flammability	UL-94	1.6mm	V0
	UL-94	0.8mm	V0
Density	ISO 1183	g/cm <sup>3</sup>	1.46
<b>PHYSICAL</b>			
Mold Shrinkage	ISO 294-4		-
	Normal	%	1.2
	Parallel	%	0.38
<b>FLAMMABILITY</b>			
Glow Wire Test(GWFI)	IEC 60695-2-12	2.0mm	960
Glow Wire Test(GWIT)	IEC 60695-2-13	2.0mm	800
<b>ELECTRICAL</b>			
CTI(Solution A)	IEC 60112		600
<b>REMARK</b>			
(1)This data is for reference only.			