



# NYTEX COMPOSITES CO., LTD.

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## NYLOY<sup>®</sup> XG-0033N-V0 HG35N4

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

## Product Information

PROPERTIES	METHOD	UNIT	RESULT	
<b>MECHANICAL</b>				
Tensile Strength	ISO 527	MPa	175	
Elongation	ISO 527	%	1.8	
Flexural Strength	ISO 178	MPa	250	
Flexural Modulus	ISO 178	MPa	11500	
Charpy Impact, Notched 23° C	ISO 179/ 1eA	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	-	
Density	ISO 1183	g/cm <sup>3</sup>	1.64	
<b>PHYSICAL</b>				
Mold Shrinkage	ISO 294-4		-	
		Normal	%	0.8
		Parallel	%	0.35
<b>FLAMMABILITY</b>				
Glow Wire Test (GWI)	IEC 60695-2-12	2.0mm	960	
Glow Wire Test (GWIT)	IEC 60695-2-13	2.0mm	960	
<b>ELECTRICAL</b>				
CTI (Solution A)	IEC 60112		350	
<b>REMARK</b>				
(1)This data is for reference only.				