



NYTEX COMPOSITES CO., LTD.

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Product Information

NYLOY[®] UB-0010N C40N2B

• High Temp. Nylon • Carbon Fiber Reinforced • Black

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ISO 527	MPa	240
Tensile Modulus	ISO 527	MPa	29700
Elongation	ISO 527	%	1.7
Flexural Strength	ISO 178	MPa	360
Flexural Modulus	ISO 178	MPa	21200
Charpy Impact, Notched 23° C	ISO 179	kJ/M ²	7.8
THERMAL			
Heat Deflection Temp (18.6kg/cm ²)(1.82MPa)	ISO 75	°C	227
OTHER			
Ash Contents	ISO 3451	%	CF 40
Flammability	UL-94	1.6mm	-
	UL-94	0.8mm	-
Density	ISO 1183	g/cm ³	1.331
PHYSICAL			
Mold Shrinkage	ISO 294-4		-
Normal		%	0.46
Parallel		%	0.16
FLAMMABILITY			
Glow Wire Test(GWFI)	IEC 60695-2-12	2.0mm	-
Glow Wire Test(GWIT)	IEC 60695-2-13	2.0mm	-
REMARK			
(1)This data is for reference only.			