



NYTEX COMPOSITES CO., LTD.

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Product Information

NYLOY[®] CT-0010N-V R601B2

- PC
- Electrical insulative thermal conductive
- flame retardant
- Black

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	kg/cm ² (MPa)	400 (39.3)
Elongation	ASTM D638	%	8
Flexural Strength	ASTM D790	kg/cm ² (MPa)	800 (78.5)
Flexural Modulus	ASTM D790	kg/cm ² (MPa)	32000 (3140.3)
IZOD Impact, Notched 1/8" 23°C	ASTM D256	kg-cm/cm (J/M)	8 (78.4)
THERMAL			
Heat Deflection Temp (4.6kg/cm ²) (0.46MPa)	ASTM D648	°C	110
Conductivity	ISO 22007-21	W/m*K	0.7
ELECTRICAL			
Surface Resistance	IEC 60093	Ohm-P-SQ	>1E+12
Electric Breakdown Voltage	Nytex Method	KV	>10
OTHER			
Density	ASTM D792	g/cm ³	1.40
Mold Shrinkage	ASTM D955	%	0.35
Flammability	UL-94	1.6mm	V0
REMARK			
(1)This data is for reference only.			