



# NYTEX COMPOSITES CO., LTD.

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## NYLOY<sup>®</sup> CT-0010N-V R601B2

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

## Product Information

PROPERTY	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ASTM D638	kg/cm <sup>2</sup> (MPa)	400 (39.3)
Elongation	ASTM D638	%	8
Flexural Strength	ASTM D790	kg/cm <sup>2</sup> (MPa)	800 (78.5)
Flexural Modulus	ASTM D790	kg/cm <sup>2</sup> (MPa)	32000 (3140.3)
IZOD Impact, Notched 1/8" 23°C	ASTM D256	kg-cm/cm (J/M)	8 (78.4)
<b>THERMAL</b>			
Heat Deflection Temp (4.6kg/cm <sup>2</sup> ) (0.46MPa)	ASTM D648	°C	110
Conductivity	ASTM E1461		
Through-plane		W/m*K	0.7
In-plane			
<b>ELECTRICAL</b>			
Surface Resistance	IEC 60093	Ohm-P-SQ	>1E+12
Electric Breakdown Voltage	Nytex Method	KV	>10
<b>OTHER</b>			
Density	ASTM D792	g/cm <sup>3</sup>	1.40
Mold Shrinkage	ASTM D955	%	0.35
Flammability	UL-94	1.6mm	V0
<b>REMARK</b>			
(1)This data is for reference only.			