



NYTEX COMPOSITES CO., LTD.

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NYLOY[®] CT-0010N-V R601W2

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

Product Information

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	kg/cm ² (MPa)	420 (41.2)
Elongation	ASTM D638	%	7
Flexural Strength	ASTM D790	kg/cm ² (MPa)	750 (73.6)
Flexural Modulus	ASTM D790	kg/cm ² (MPa)	30000 (2944.1)
IZOD Impact, Notched 1/8" 23°C	ASTM D256	kg-cm/cm (J/M)	6 (58.8)
THERMAL			
Heat Deflection Temp (4.6kg/cm ²) (0.46MPa)	ASTM D648	°C	110
Conductivity	ASTM E1461		
Through-plane		W/m*K	0.7
In-plane			
ELECTRICAL			
Surface Resistance	IEC 60093	Ohm-P-SQ	>1E+12
Electric Breakdown Voltage	Nytex Method	KV	>10
OTHER			
Density	ASTM D792	g/cm ³	1.44
Mold Shrinkage	ASTM D955	%	0.35
Flammability	UL-94	1.6mm	V0
REMARK			
(1)This data is for reference only.			