



# NYTEX COMPOSITES CO., LTD.

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## NYLOY<sup>®</sup> KF-0030N 311WLT

• Nylon • Electricalinsulative Thermal Conductive  
Flame Retardant • White

### Product Information

PROPERTY	METHOD	UNIT	RESULT
<b>MECHANICAL</b>			
Tensile Strength	ASTM D638	kg/cm <sup>2</sup>	700
Elongation	ASTM D638	%	1.8
Flexural Strength	ASTM D790	kg/cm <sup>2</sup>	1200
Flexural Modulus	ASTM D790	kg/cm <sup>2</sup>	81500
IZOD Impact, Notched 1/8" 23°C	ASTM D256	kg-cm/cm	3.8
<b>THERMAL</b>			
Heat Deflection Temp (4.6kg/cm <sup>2</sup> ) (0.46MPa)	ASTM D648	°C	205
Conductivity	ASTM E1461		
Through-plane		W/m*K	1.0
In-plane			
<b>ELECTRICAL</b>			
Surface Resistance	ASTM D257	Ohm-P-SQ	>1E+12
<b>OTHER</b>			
Density	ASTM D792	g/cm <sup>3</sup>	1.62
Mold Shrinkage	ASTM D955		
// flow		%	0.4
⊥ flow		%	0.7
Flammability	UL-94	3.2mm	V0
<b>REMARK</b>			
(1)This data is for reference only.			