



NYTEX COMPOSITES CO., LTD.

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Product Information

NYLOY[®] KF-0020N C623B

- Nylon
- Electrical insulative thermal conductive grade
- Black

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	kg/cm ² (MPa)	670 (65.7)
Elongation	ASTM D638	%	1.2
Flexural Strength	ASTM D790	kg/cm ² (MPa)	900 (88.2)
Flexural Modulus	ASTM D790	kg/cm ² (MPa)	95000 (9313.7)
IZOD Impact, Notched 1/8" 23°C	ASTM D256	kg-cm/cm (J/M)	3.8 (37.2)
THERMAL			
Heat Deflection Temp (4.6kg/cm ²) (0.46MPa)	ASTM D648	°C	210
Conductivity	ISO 22007-2	W/m*K	2.2
ELECTRICAL			
Surface Resistance	ASTM D257	Ohm-P-SQ	>1E+12
OTHER			
Density	ASTM D792	g/cm ³	2.12
Mold Shrinkage	ASTM D955		
//flow		%	0.4
⊥flow		%	0.7
Flammability	UL-94	1.6mm	V2
REMARK			
(1)This data is for reference only.			