



SHANGHAI NYTEX COMPOSITES

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Product Information

NYLOY[®] KF-0030N I805BG

● Nylon ● Thermal and electrical conductive halogen free flame retardant grade ● Black

PROPERTY	METHOD	UNIT	RESULT
MECHANICAL			
Tensile Strength	ASTM D638	kg/cm ²	800
Elongation	ASTM D638	%	1.2
Flexural Strength	ASTM D790	kg/cm ²	1250
Flexural Modulus	ASTM D790	kg/cm ²	150000
IZOD Impact, Notched 1/8" 23°C	ASTM D256	kg-cm/cm	4.5
THERMAL			
Heat Deflection Temp	ASTM D648	°C	205
Conductivity	ISO 22007-2	W/m*K	5.0
ELECTRICAL			
Surface Resistance	ASTM D257	Ohm-P-SQ	10 ⁴
OTHER			
Density	ASTM D792	g/cm ³	1.54
Flammability	UL-94	3.2mm	V0
REMARK			
(1)This data is for reference only.			