



NYPLA INDUSTRIAL CO., LTD.

TEL: 626-6264889 FAX: 626-6264898
http://www.nypla.com

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 (MPa)	800 (78.5)
Elongation	ASTM D638	%	1.3
Flexural Strength	ASTM D790	kg/cm ² (MPa)	1300 (127.6)
Flexural Modulus	ASTM D790	kg/cm ² (MPa)	145000 (14229.6)
IZOD Impact, Notched 1/8" 23°C	ASTM D256	kg-cm/cm (J/M)	5.0 (49)
THERMAL			
Heat Deflection Temp (18.6kg/cm ²) (1.82MPa)	ASTM D648	°C	205
Conductivity	ISO 22007-2	W/m*K	4.5
ELECTRICAL			
Surface Resistance	ASTM D4496	Ohm-P-SQ	10 ⁵
OTHER			
Density	ASTM D792	g/cm ³	1.52
Mold Shrinkage	ASTM D955		
// flow		%	0.2
⊥ flow		%	0.4
Flammability	UL-94	3.2mm	V0
REMARK			
(1)This data is for reference only.			