

Specification Sheet

Highly Ordered Pyrolytic Graphite Sheet
(HOPG, Size : 10×10 mm, Thickness : 1 mm)
Stock No: NS6130-10-1106, CAS: 7440-44-0

Product	:	Highly Ordered Pyrolytic Graphite Sheet
Stock No	:	NS6130-10-1106
CAS No	:	7440-44-0
HS code	:	68151090
Thickness	:	0.03mm
Color	:	Dark Grey
Thickness Tolerance	:	±0.005mm
Density	:	1.5 g/cm ³
Hardness	:	85 Shore A
Tensile Strength	:	650psi
Composition	:	Flexible Graphite
UL Flammability	:	94VO
Temperature Range	:	-40°C to 400°C
Thermal Conductivity	:	700w/m.k (X-Y axis)
Thermal Conductivity	:	10~15w/m.k (Z Axis)
Thermal Resistance	:	0.07 °C -in ² /w
Volume Resistivity	:	11*10 ⁻⁴ Ω-cm
Specific Gravity	:	0.15 % TML
Specific Gravity	:	0.09 % CVCM
Main Inspect Verifier	:	Manager QC

Note: Product Specification are subject to amendment and may change over time

Characterization of Highly Ordered Pyrolytic Graphite Sheet



Highly Ordered Pyrolytic Graphite Sheet



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Creating Miracles in Black