

Specification Sheet

Grafoil Synthetic Thermal Graphite Film
(HOPG, Thickness: 0.05mm, Purity: 99.9%)
Stock No: NS6130-10-1107, CAS: 7782-42-5

Product	:	Grafoil Synthetic Thermal Graphite Film
Stock No	:	NS6130-10-1107
CAS No	:	7782-42-5
HS code	:	68151090
Thickness	:	0.05mm
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	:	500w/m.k (X-Y axis)
Thermal Conductivity	:	10~15w/m.k (Z Axis)
Thermal Resistance	:	0.08 °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 Grafoil Synthetic Thermal Graphite Film



Grafoil Synthetic Thermal Graphite Film



NANOSHEL
Creating Miracles in Black