

Specification Sheet

Synthetic Graphite

(Sheets, Thickness: 0.025mm, Purity: 99.9%)

Stock No: NS6130-10-1132, CAS: 7782-42-5

Product	:	Synthetic Graphite Sheet
Stock No	:	NS6130-10-1132
CAS No	:	7782-42-5
HS code	:	68151090
Thickness	:	0.025mm
Color	:	Dark Grey
Thickness Tolerance	:	±0.003mm
Density	:	1.9~2.3 g/cm ⁴
Hardness	:	85 Shore A
Tensile Strength	:	650psi
Composition	:	Synthetic Graphite
UL Flammability	:	94VO
Temperature Range	:	-40°C to 400°C
Thermal Conductivity	:	1500~1700w/m.k (X-Y Direction)
Thermal Conductivity	:	15~20w/m.k (Z Direction)
Thermal Resistance	:	0.15 % (°C)
Conductivity	:	19000 s/cm
Main Inspect Verifier	:	Manager QC

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

Characterization of Synthetic Graphite



Synthetic Graphite



NANOSHEL
Creating Miracles in Black