

Specification Sheet

Graphite Oxide Powder

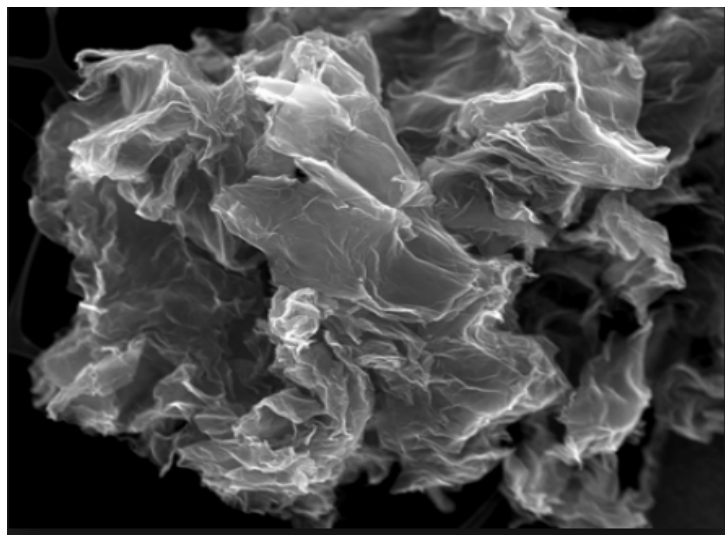
(C:O, Purity: 99.9 %)

Stock No: NS6130-12-000923, CAS: 1034343-98-0

Product	:	Graphite Oxide Powder
Stock No	:	NS6130-12-000923
CAS	:	1034343-98-0
Purity	:	99.9%
Molecular Formula	:	C:O
Molecular Weight	:	12.01g/mol
Form	:	Powder
Color	:	Gray/Black
High Young's modulus	:	21 GPa
C:O Ratio	:	2.1-2.9
Thermal Expansion	:	4.9 $\mu\text{m}/\text{m-K}$
Thermal Conductivity	:	6.0 W/m-K
Tensile Strength	:	18 MPa
Solubility	:	Soluble in water
Main Inspect Verifier	:	Manager QC

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

Characterization of Graphite Oxide Powder



SEM-Graphite Oxide Powder



NANOSHEL
Creating Miracles in Black