

Graphite

NANOPLATELETS



Purity
99.9%

Stock no.
NS6130-01-173

CAS : **7782-42-5**

Graphite nanoplatelets are an attractive class of reinforcement materials as they offer both high modulus and high strength. They have properties include modulus , strength, fracture toughness, adhesive strength, thermal and electrical conductivities and dielectric constants. They are not photo reactive and can protect the matrix polymer from ultraviolet light. Their high electrical conductivity can be used to provide protection from electromagnetic interference.

Technical Specification

Molecular Weight	Density	Melting Point	APS
12.01g/mol	1.8g/cm ³	N/A	3-4nm

- Flexible electronics
- Coating
- Energy harvesting
- Strain sensors

APS: 3-4nm



ISO 9001:2015
CERTIFIED COMPANY



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