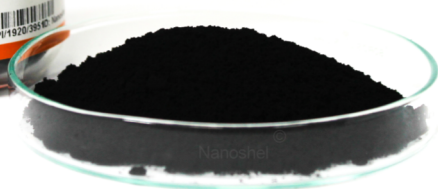


COPPER CNT

Nano Composite

Copper CNT Nano Composite have been increasingly investigated for use in a wide range of applications due to their unique properties make them ideal reinforcements in the metal matrix. The combination of Cu/CNT is interesting in view of excellent thermal, electrical and physical properties of copper. In this overview, the process development and study on tribological behavior of Cu/CNT composites. Cu/CNT composites this combination makes copper is used the material for choice for range of applications. Due, to its exceptional electrical properties, copper is used in electrical power cables and motors, transformers, connectors in electronics and generators. Cu/CNT and accelerating its real-life application, we expect the successful evolution of highly functional, efficient, and sustainable next-generation electrical and electronics systems.



Quick Facts

Product	:	Copper CNT Nano Composite
Stock No	:	NS6130-12-001103
CAS	:	7440-50-8/308068-56-6
Form	:	Powder
Purity	:	99%
Color	:	Black
APS	:	80-100nm

Technical Specification

Molecular Formula	:	Cu/CNT
Hardness	:	135 Hv
Tensile Strength	:	168-296MPa

Applications

- ✓ Evolution of highly functional
- ✓ Next-generation electrical
- ✓ Electronics systems

APS
80-100nm

Follow us:



| www.nanoshel.com | sales@nanoshel.com



NS6130-12-001103

ISO 9001:2015
CERTIFIED COMPANY



20ZICE4589C



19ZAZGO1274G



20ZICE4588M

INTELLIGENT MATERIALS PVT LTD

Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252

NANOSHEL UK LIMITED

Chapel House,
Chapel St Cheshire,
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

NANOSHEL LLC

3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States

+1 646 470 4911