

Technical Data Sheet Free Standing Borophene

Properties

Form : Nanodispersion
Shape : Layered Sheets

Particle: Crystalline Boron
Solvent : Acetone

Product Description

Borophene is atomically thin crystalline form of the element boron, in other words it is a two-dimensional allotrope of boron and is also known as the boron layer. SUNUM has been producing free standing borophene in nano dispersion form in different organic solvents. Distance between atoms in produced borophene are 0.3-0.5 nanometers. SUNUM is able to produce borophene in standardized manner according to application area.

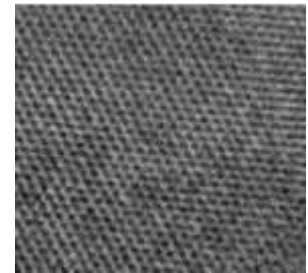
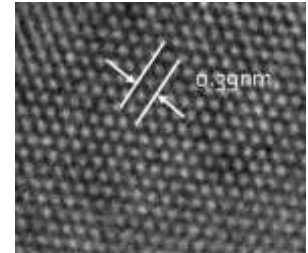
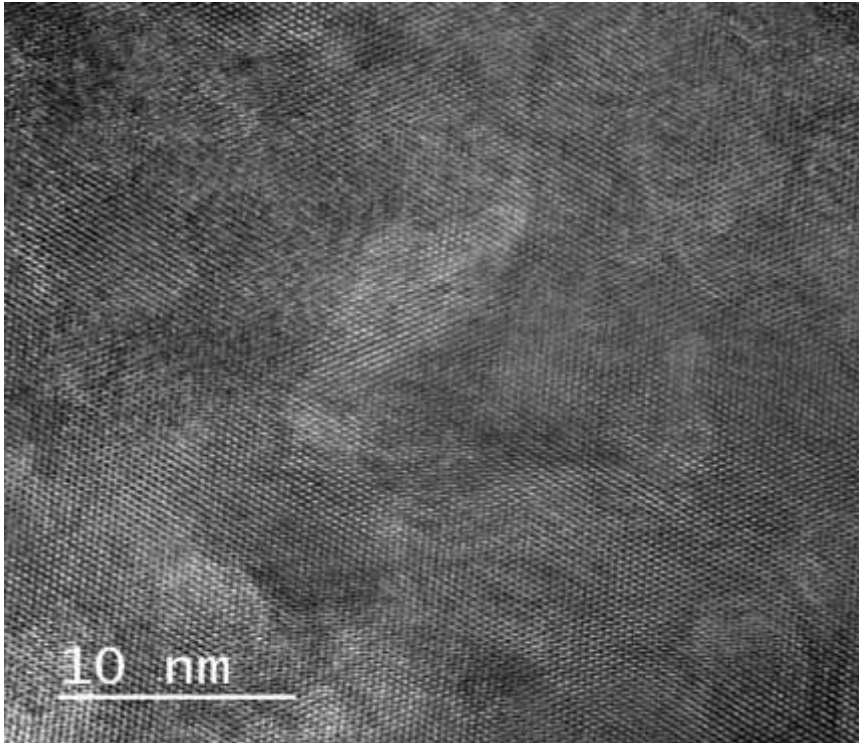
Application areas: Batteries, Hydrogen Storage, Micro-Nano Sensors, Laser Shielding, Composites, Textile products & bendable screens, circuit boards, paintings & coatings.

Shipping: Ready to ship in 2 weeks

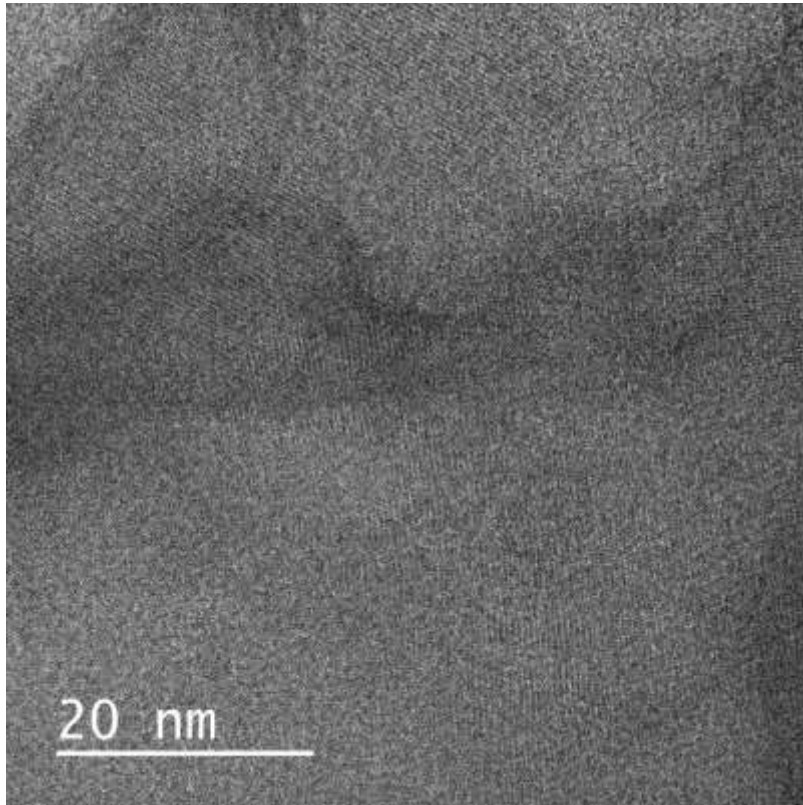
Storage conditions: Keeping the rules of acetone storage.

Packaging : 2 ml, 4 ml, 10 ml in glass bottle

Quality Control



TEM Images of free-standing borophene



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