

Maximize your productivity through
Skyspring nanomaterials

Diamond Powder

Product Number: 0510HZ

Appearance: Powder

Empirical Formula: C

Specifications

Explosion Synthesized

Purity: > 95%

Appearance: Grey nanopowder

APS: 3-4 nm

SSA: ~282 m²/g

Functional group on surface: --OH, --CN, --COOH, -C-O-C, --C=O

Electrical Resistivity: 7.7x10⁷ohm.cm (Boron doped)

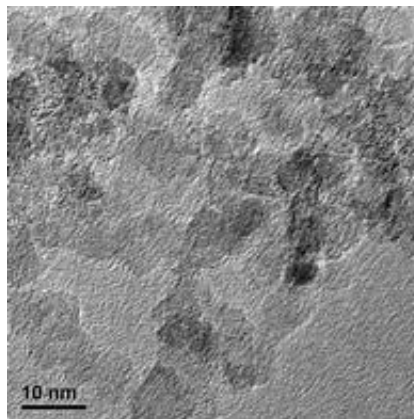
Hydrophilia degree: -3100 MJ/mol.g

Relative magnetic susceptibility: <1x10⁻⁸ m²/kg

Initial oxidization temperature: 803 K

Morphology: spherical

True density: 3.05-3.30 g/cm³



TEM