

Copper Oxide Nano Particle



We manufacture Copper oxide (CuO) nano particles by chemical precipitation method in Bulk Quantity



APS: 30-70 nm

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PRODUCT FEATURES

CuO

Purity: 99%

Advantages

- ▶ Having a narrow bandgap of 1.2 eV
- ▶ Energy conversion, Optoelectronic devices and catalyst.
- ▶ Super thermal conductivity, Photovoltaic properties, High stability, and Antimicrobial activity.
- ▶ Have other unique magnetic and super-hydrophobic properties.
- ▶ Have Semiconducting Property
- ▶ Useful in batteries, catalysis, solar energy conversion, high-temperature superconductors.

Applications

Used For Pn Junction Diodes,
Humidity Sensing,
Lithium Ion Batteries

Organic Synthesis,
Antimicrobial Activity,
And In The Biomedical Field

Used In The Complete
Conversion Of Hydrocarbons
Into Carbon Dioxide

Enhancement Of Thermal
Conductivity Of Nanofluid,
Nanoenergetic Materials

Super-hydrophobic
Surfaces Or Anode Materials
For Lithium Ion Batteries

Perform Better As A
Catalyst For The
Ap Composite Propellant

Applied To The Catalyst,
Superconducting And
Thermoelectric Materials, Glass,
Sensing Materials, Ceramics

As Ceramic Resistors,
Magnetic Storage Media,
Gas Sensors, Near-ir Filters,
Photoconductive And
Photothermal Applications

As Semiconductors,
Solar Energy Transformation,
And High-tech
Superconductors