



Copper oxide nanopowder

“CuO ”

IRAN Unique Tech



PRODUCT IDENTIFICATION

IDENTIFICATION LABEL:

trade name : **copper oxides nanopowder.**

chemical name: copper(II) oxide

chemical formula: CuO , Cu_2O

This powder is produced using sonochemical process.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance and color: dark brown powder.

Average particle size : < 50 nanometers.

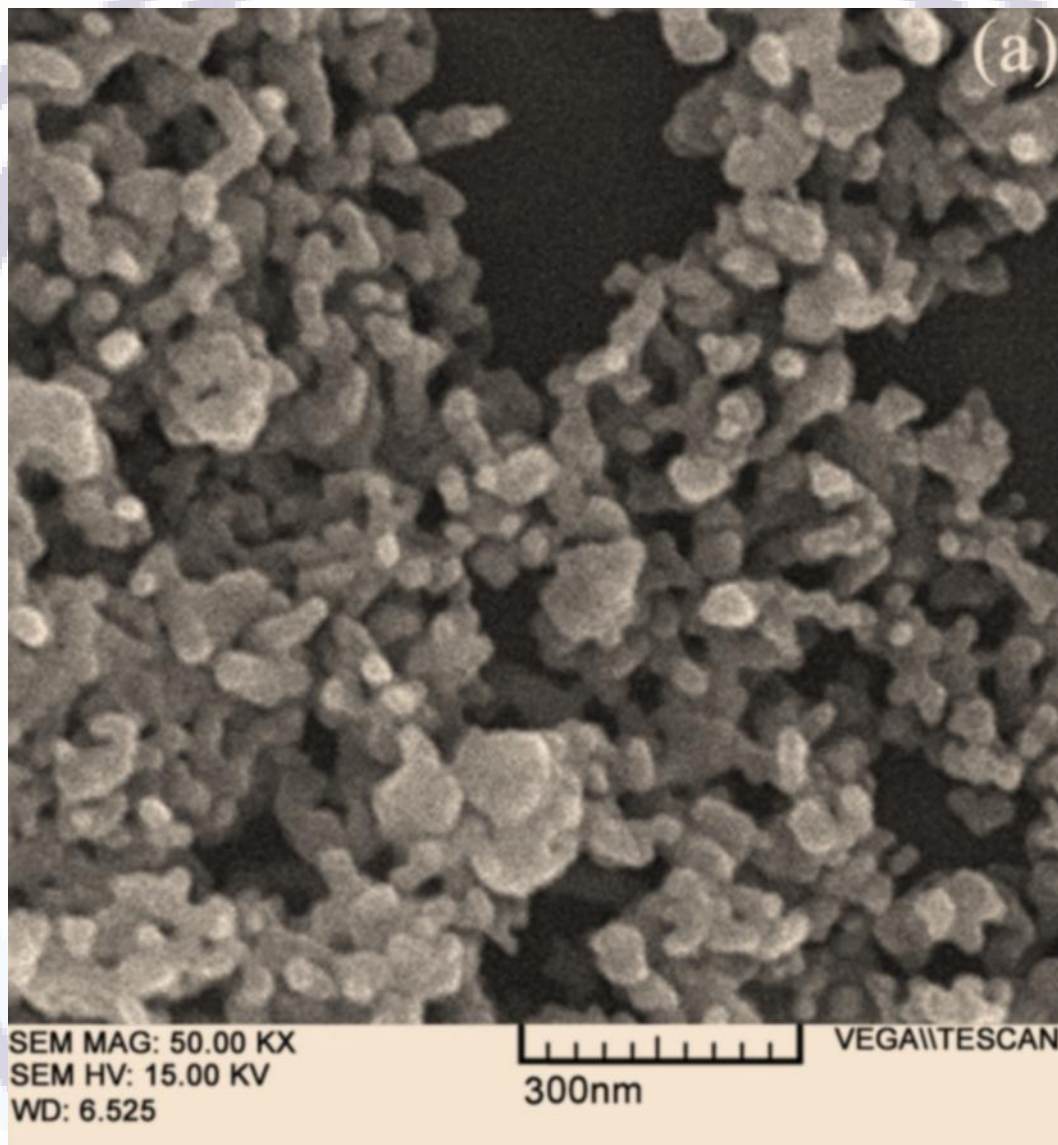
purity > 99.5%

density is 5.8 g/cm^3 .

BET specific surface area : > $30 \text{ m}^2/\text{g}$.

APPLICATION

CuO is a kind of important materials, which is widely used in catalysts , gas sensors , thermoelectric materials magnetic storage media, solar energy transformation, electronics, sensors, batteries, Resonance imaging , etc.



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