

## Technical Datasheet

### Zinc Oxide Nanoparticles

- Full product name: Zinc Oxide Nanoparticles
- Product ID: ZnO-IS
- Chemical Formula: ZnO
- CAS Number: 1314-13-2
- Available grade: Lab & Industrial
- Type: Powder

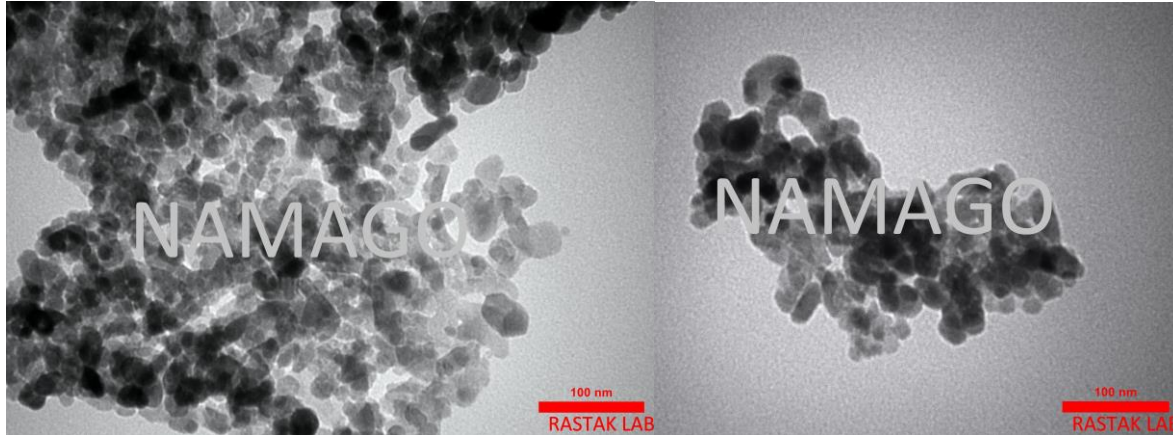
#### Physical properties

Density	5.6 g/cm <sup>3</sup>
Appearance color	White
APS (TEM)	20-40 nm
Purity (XRF)	99%
Loss on ignition	2-3%
Crystal structure	Hexagonal

#### Applications

Antibacterial Paint and Polymers
Tile and ceramic
Tires and Rubber
Fertilizers
Solar Power
Pharmaceutical

## TEM Analysis



## XRD Analysis

