

Technical Data Sheet

Zinc Oxide Powder

Product ID: 300800PD001 / 300800PD002

Formular: ZnO

Molecular weight: 81.39 g/mol

CAS No.: 1314-13-2

EINECS No.: 215-222-5

Color: White

Description: Our high-purity zinc oxide (99.99%) and nano zinc oxide exhibit excellent chemical stability, outstanding UV-shielding performance, antibacterial properties, and superior electrical and optical characteristics.

Application: Ceramics, coatings, electronics, optoelectronic devices, cosmetics, and antibacterial materials.

Product Image:



1. Sizes

Product ID	Formular	Size
300800PD001	ZnO (99.5%)	<100 nm
300800PD002	ZnO (99.99%)	-325 Mesh
300800PD2N5DZ	ZnO (99.5%)	Customized
300800PD4NDZ	ZnO (99.99%)	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)			
	Cu	Si	As	Cd
99.5%	≤ 50	≤ 100	≤ 20	≤ 80
99.99%	≤ 10	≤ 20	≤ 5	≤ 20

Note: The purity values shown are calculated by subtracting the sum of selected measured elemental impurities from 100%. These values do not represent the result of a full elemental analysis.

3. Packaging

Bottle/Bag.
Double vacuum packed.

4. Period of Validity

It is recommended to use this product within 12 months. If it is overdue, the product quality status should be re-evaluated.

5. Handling and Storage

When using, wear appropriate protective equipment to avoid dust generation and ensure good ventilation.

Store in a sealed container in a cool, dry, and well-ventilated area, protected from moisture and incompatible chemicals.

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