

Technical Data Sheet

Zinc Sulfide Powder

Product ID: 301600PD001 / 301600PD002

Formular: ZnS

Molecular weight: 97.46 g/mol

CAS No.: 1314-98-3

EINECS No.: 215-251-3

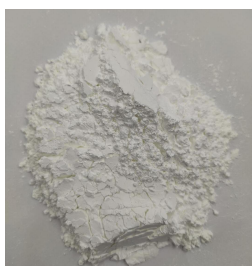
Color: White

Description: Our zinc sulfide (ZnS) powder has a typical purity of $\geq 99.99\%$ and can be customized in different particle sizes as needed. It features excellent optical properties, a high refractive index, and good chemical stability.

Application: Infrared optics, fluorescent materials, coatings, and the electronics industry, etc.

Product

Image:



1. Physical Properties

Product ID	Formular	Size
301600PD001	ZnS (99.99%)	-200 Mesh
301600PD002	ZnS (99.99%)	-325 Mesh
301600PDDZ	ZnS (99.99%)	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)			
	Fe	Pb	Cu	Ni
99.99%	≤ 15	≤ 25	≤ 10	≤ 10

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

Bottled/bagged.

Double vacuum packed.

Customized according to customer requirements.

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 protective gloves, safety goggles, and appropriate respiratory protection to avoid dust inhalation or skin contact.

Stored in a dry, sealed container in a well-ventilated environment, avoiding moisture and contact with acidic substances.

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