

Technical Data Sheet

Zinc Sulfide Granules

Product ID:	301600GN001 / 301600GN002		
Formular:	ZnS	Molecular weight:	97.46 g/mol
CAS No.:	1314-98-3	EINECS No.:	215-251-3
Color:	White or pale yellow		
Description:	Our zinc sulfide granules have a typical purity of $\geq 99.99\%$ and can be customized in different sizes as needed. They feature a high refractive index, excellent optical properties, and good chemical stability.		
Application:	Infrared optics, fluorescent materials, coatings, and the electronics industry.		

**Product
Image:**



1. Physical Properties

Product ID	Formular	Size
301600GN001	ZnS (99.99%)	1 mm - 3 mm
301600GN002	ZnS (99.99%)	3 mm - 12 mm
301600GNDZ	ZnS (99.99%)	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)				
	Fe	Al	Pb	Cu	Mn
99.99%	≤ 20	≤ 25	≤ 10	≤ 5	≤ 5

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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