

Technical Data Sheet

Zinc Sulfide Rod

Product ID: 301600RD001

Formular: ZnS

Molecular weight: 97.46 g/mol

CAS No.: 1314-98-3

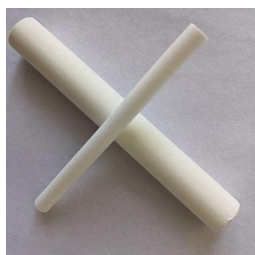
EINECS No.: 215-251-3

Color: White

Description: Our zinc sulfide rods have a typical purity of $\geq 99.99\%$, can be customized in various sizes upon request, and feature excellent optical uniformity and good chemical stability.

Application: Infrared optics, laser windows, photodetectors, and other optoelectronic applications.

**Product
Image:**



1. Physical Properties

Product ID	Formular	Size
301600RD001	ZnS (99.99%)	Ø 63 mm x 40 mm length
301600RDDZ	ZnS (99.99%)	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)				
	Fe	Al	Pb	Cu	Si
	99.99%	≤ 10	≤ 10	≤ 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

Carton/wooden box outer bag.

Double vacuum inner bag.

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

Handle in a clean, dry environment, avoiding scratches and contamination.

Store in a cool, dry place, protected from dust, moisture, and direct sunlight.

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