

# ZnS

## Zinc Sulfide SPUTTERING TARGET

Zinc sulfide is an inorganic compound with the chemical formula of ZnS. Zinc Sulfide (ZnS) Sputtering Targets is an important wide band gap semiconductor material with extensive potential applications, such as flat-panel displays, sensor, light-emitting diodes, photodetectors and solar cells. In the important application of photovoltaics, zinc sulfide sputtering targets can be used as buffer layer material of CuInGaSe<sub>2</sub> (CIGS), Cu<sub>2</sub>ZnSnS<sub>4</sub> (CZTS) thin-film solar cells.

### Quick Facts

Product	:	Zinc Sulfide Sputtering Target
Stock No	:	NS6130-10-1143
CAS	:	1314-98-3
Backing Plate	:	(As per Customer requirement)

### Additional Characteristics

Stock No.	Purity	Diameter	Thickness
NS6130-10-1143	99.99%	50.8 mm ± 1mm	3 mm ± 0.5mm

### Technical Specification

Formula	Molecular Weight	Type of ZnSond	Thermal Conductivity
ZnS	97.474 g/mol	Indium, Elastomer	27 W/m-K



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High Purity  
SPUTTERING  
TARGET