

**Technical Data Sheet****Zinc Oxide Sputtering Target****Product ID:** 300800ST001 - 300800ST009**Formular:** ZnO **Molecular weight:** 81.39 g/mol**CAS No.:** 1314-13-2 **EINECS No.:** 215-222-5**Color:** Beige**Description:** Our zinc oxide sputtering targets are available in purities of 99.9% and 99.95%, can be customized in size upon request, and offer excellent electrical and optical performance.**Application:** Thin-film coatings, transparent conductive films, optoelectronic devices, solar cells, sensors, and electronic components.**Product Image:****1. Sizes**

Product ID	Formular	Size
300800ST001	ZnO (99.9%)	Ø 25.4 mm x 3.175 mm
300800ST002	ZnO (99.95%)	Ø 50.8 mm x 3.175 mm
300800ST003	ZnO (99.95%)	Ø 50.8 mm x 6.35 mm
300800ST004	ZnO (99.95%)	Ø 76.2 mm x 3.175 mm
300800ST005	ZnO (99.95%)	Ø 76.2 mm x 6.35 mm
300800ST006	ZnO (99.95%)	Ø 101.6 mm x 3.175 mm
300800ST007	ZnO (99.95%)	Ø 101.6 mm x 6.35 mm
300800ST008	ZnO (99.95%)	Ø 152.4 mm x 3.175 mm
300800ST009	ZnO (99.95%)	Ø 152.4 mm x 6.35 mm
300800ST2N5DZ	ZnO (99.5%)	Customized
300800ST4NDZ	ZnO (99.95%)	Customized

## 2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)					
	Mg	Cu	Mn	Cr	Ni	Na
99.5%	≤ 500	≤ 300	≤ 300	≤ 500	≤ 500	≤ 100
99.95%	≤ 50	≤ 50	≤ 20	≤ 50	≤ 50	≤ 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

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

When using, wear appropriate protective equipment to avoid dust inhalation or contact and operate in a well-ventilated area.

Stored in a cool, dry and well-ventilated area, and follow proper procedures for disposal and cleaning to maintain material integrity and safety.

### Contact Us

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