

Technical Data Sheet

Tin Sputtering Target

Product ID: 5000ST001 - 5000ST006

Formular: Sn

Molecular weight: 118.71 g/mol

CAS No.: 7440-31-5

EINECS No.: 231-141-8

Color: Gray

Description: Our tin sputtering targets feature a purity of $\geq 99.99\%$ and can be customized in various sizes according to customer requirements, offering advantages such as high purity, low melting point, excellent electrical and thermal conductivity, and uniform, stable coating performance.

Application: Semiconductors, display panels, photovoltaic cells, integrated circuits, and functional thin-film materials, etc.

**Product
Image:**



1. Sizes

Product ID	Formular	Size
5000ST001	Sn (99.99%)	Ø 50.8 mm x 3.175 mm
5000ST002	Sn (99.999%)	Ø 50.8 mm x 6.35 mm
5000ST003	Sn (99.99%)	Ø 76.2 mm x 3.175 mm
5000ST004	Sn (99.99%)	Ø 76.2 mm x 6.35 mm
5000ST005	Sn (99.999%)	Ø 101.6 mm x 3.175 mm
5000ST006	Sn (99.999%)	Ø 101.6 mm x 6.35 mm
5000ST4NDZ	Sn (99.99%)	Customized
5000ST5NDZ	Sn (99.999%)	Customized

2. Chemical compositions

		Metal impurities (ppm)					
Element	Typical Value	Fe	Ni	Cu	Zn	Sb	Pb
Purity	99.99%	≤ 20	≤ 5.0	≤ 10	≤ 5.0	≤ 20	≤ 30
	99.999%	≤ 2.0	≤ 1.5	≤ 2.0	≤ 1.5	≤ 1.0	≤ 1.0

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.
Custom packaging is available.

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 and dry environment to avoid surface contamination, collision, and prolonged exposure to air.

Stored in a cool, dry place to prevent moisture absorption, oxidation, and contact with corrosive substances.

Contact Us

Website: www.vimaterial.de

Email: info@vimaterial.de

Tel: 0049 1626484175

Add: Begener Straße 14., 30625 Hannover, Niedersachsen, Germany.