

Technical Data Sheet

Manganese Metal Sputtering Target

Product ID: 2500ST001 - 2500ST006

Formular: Mn

Molecular weight: 54.94 g/mol

CAS No.: 7439-96-5

EINECS No.: 231-105-1

Color: Dark gray

Description: Our manganese sputtering targets typically have a purity of $\geq 99.9\%$, can be customized to different sizes according to requirements, and feature high purity, excellent electrical conductivity, and magnetic properties.

Application: Semiconductor thin films, magnetic materials, hard coatings, energy storage devices, and electronic sensors.

Product

Image:



1. Sizes

Product ID	Formular	Size
2500ST001	Mn (99.9%)	Ø 50.8mm x 3.175mm
2500ST002	Mn (99.9%)	Ø 50.8mm x 6.35mm
2500ST003	Mn (99.9%)	Ø 76.2mm x 3.175mm
2500ST004	Mn (99.9%)	Ø 76.2mm x 6.35mm
2500ST005	Mn (99.9%)	Ø 101.6mm x 3.175mm
2500ST006	Mn (99.9%)	Ø 101.6mm x 6.35mm
2500STDZ	Mn (99.9%)	Customized

2. Chemical compositions

Chemical Composition (ppm)							
Element Typical Value Purity	Al	Co	Fe	Mg	Ni	Si	Zn
99.9%	≤ 40	≤ 15	≤ 150	≤ 600	≤ 20	≤ 20	≤ 50

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 a dust mask, ensure proper ventilation, avoid skin/eye contact.

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

Contact Us

Website: www.vimaterial.de

Email: info@vimaterial.de

Tel: 0049 1626484175

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