

Technical Data Sheet

Manganese Oxide Sputtering Target

Product ID: 250803ST001 - 250803ST005

Formular: MnO₂

Molecular weight: 86.94 g/mol

CAS No.: 1313-13-9

EINECS No.: 215-202-6

Color: Black

Description: Our manganese oxide sputtering targets typically have a purity of ≥99.9% and can be customized in various sizes according to customer requirements, featuring excellent electrical and catalytic properties.

Application: Thin film batteries, supercapacitors, gas sensors, electronic ceramics, etc.

Product

Image:



1. Sizes

Product ID	Formular	Size
250803ST001	MnO ₂ (99.9%)	Ø 25.4 mm x 3.175 mm
250803ST002	MnO ₂ (99.9%)	Ø 50.8 mm x 3.175 mm
250803ST003	MnO ₂ (99.9%)	Ø 50.8 mm x 6.35 mm
250803ST004	MnO ₂ (99.9%)	Ø 76.2 mm x 3.175 mm
250803ST005	MnO ₂ (99.9%)	Ø 101.6 mm x 3.175 mm
250803STDZ	MnO ₂ (99.9%)	Customized

2. Chemical compositions

	Metal impurities (ppm)					
Element Typical Value Purity	Al	Fe	Mg	Ca	Na	Ti
99.9%	≤ 300	≤ 350	≤ 100	≤ 100	≤ 60	≤ 60

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 inhalation or skin/eye contact.

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

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