

Technical Data Sheet

Germanium Dioxide Sputtering Target

Product ID: 320800ST001- 320800ST008

Formular: GeO₂

Molecular weight: 104.64 g/mol

CAS No.: 1310-53-8

EINECS No.: 215-180-8

Color: White

Description: Our germanium oxide sputtering targets typically have a purity of ≥99.99% and can be customized to different sizes upon request. They feature excellent optical properties and high-temperature stability.

Application: Semiconductor industry, optical coatings, fiber optic communication, protective coatings, etc.

Product

Image:



1. Sizes

Product ID	Formular	Size
320800ST001	GeO ₂ (99.99%)	Ø 25.4 mm x 3.175 mm
320800ST002	GeO ₂ (99.99%)	Ø 25.4 mm x 6.35 mm
320800ST003	GeO ₂ (99.99%)	Ø 50.8 mm x 3.175 mm
320800ST004	GeO ₂ (99.99%)	Ø 50.8 mm x 6.35 mm
320800ST005	GeO ₂ (99.99%)	Ø 76.2 mm x 3.175 mm
320800ST006	GeO ₂ (99.99%)	Ø 76.2 mm x 6.35 mm
320800ST007	GeO ₂ (99.99%)	Ø 101.6 mm x 3.175 mm
320800ST008	GeO ₂ (99.99%)	Ø 101.6 mm x 6.35 mm
320800STDZ	GeO ₂	Customized

2. Chemical compositions

Chemical Composition (ppm)							
Element Typical Value Purity	As	Fe	Cu	Ni	Pb	Co	Al
99.99%	≤ 10	≤ 10	≤ 10	≤ 10	≤ 10	≤ 10	≤ 10

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

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