

Technical Data Sheet

Tellurium Sputtering Target

Product ID: 5200ST001 - 5200ST004

Formular: Te

Molecular weight: 127.6 g/mol

CAS No.: 13494-80-9

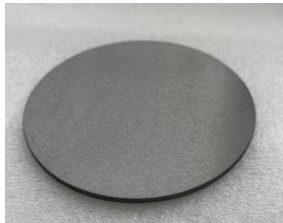
EINECS No.: 236-813-4

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Description: Our tellurium sputtering targets typically have a purity of $\geq 99.999\%$ and can be customized to different sizes according to requirements, offering good chemical stability.

Application: Semiconductor industry, optical materials, sensor technology, solar cells, etc.

**Product
Image:**



1. Sizes

Product ID	Formular	Particle Size
5200ST001	Te (99.999%)	Ø 25.4 mm x 6.35 mm
5200ST002	Te (99.999%)	Ø 50.8 mm x 3.175 mm
5200ST003	Te (99.999%)	Ø 50.8 mm x 6.35 mm
5200ST004	Te (99.999%)	Ø 76.2 mm x 3.175 mm
5200STDZ	Te (99.999%)	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)					
	Cu	Al	Si	Pb	Fe	Se
99.999%	≤ 2	≤ 2	≤ 2	≤ 5	≤ 2	≤ 4

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 direct contact with tellurium dust or vapor.

Stored in a dry, cool environment, away from high temperatures and moisture.

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