

## Technical Data Sheet

# Tellurium Sputtering Target

**Product ID:** 5200ST001 - 5200ST004

**Formular:** Te

**Molecular weight:** 127.6 g/mol

**CAS No.:** 13494-80-9

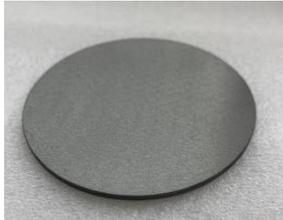
**EINECS No.:** 236-813-4

**Color:** Gray

**Description:** Our tellurium sputtering targets typically have a purity of  $\geq 99.99\%$  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:**



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### 1. Sizes

Product ID	Formular	Particle Size
5200ST001	Te (99.99%)	Ø 25.4 mm x 6.35 mm
5200ST002	Te (99.99%)	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
5200ST4NDZ	Te (99.99%)	Customized
5200ST5NDZ	Te (99.999%)	Customized

## 2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)					
	Cu	Al	Si	Pb	Fe	Se
99.99%	≤ 10	≤ 10	≤ 10	≤ 20	≤ 10	≤ 20
99.999%	≤ 0.5	≤ 0.5	≤ 0.5	≤ 2.0	≤ 1.0	≤ 2.0

*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.

## 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.

## Contact Us

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