

Technical Data Sheet

Tellurium Metal Powder

Product ID:	5200PD001 / 5200PD002		
Formular:	Te	Molecular weight:	127.6 g/mol
CAS No.:	13494-80-9	EINECS No.:	236-813-4
Color:	Dark gray		
Description:	Our tellurium powder typically has a purity of greater than 99.99%, with excellent electrical and thermal conductivity and can be processed into fine powder.		
Application:	Semiconductor materials, photovoltaic industry, thermoelectric materials, optoelectronic materials, etc.		

**Product
Image:**



1. Sizes

Product ID	Formular	Size
5200PD001	Te (99.99%)	-200 Mesh
5200PD002	Te (99.999%)	-80 Mesh
5200PD4NDZ	Te (99.99%)	Customized
5200PD5NDZ	Te (99.999%)	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (wt%)						
	Cu	Mg	Bi	Fe	Al	Se	Pb
99.99%	≤ 10	≤ 10	≤ 10	≤ 10	≤ 10	≤ 20	≤ 20
99.999%	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0	≤2.0	≤1.0

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

Bottled/Bag.

Double vacuum packed.

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 to prevent dust inhalation, and use in a well-ventilated area.

Store in a sealed container in a cool, dry place, away from strong acids, bases, and oxidizing agents.

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