

Technical Data Sheet

Lead Metal Sputtering Target

Product ID: 8200ST001 - 8200ST007

Formular: Pb

Molecular weight: 207.2 g/mol

CAS No.: 7439-92-1

EINECS No.: 231-100-4

Color: Gray

Description: Our lead sputtering target typically has a purity of $\geq 99.99\%$ and can be customized to different sizes upon request. It features good electrical conductivity and high ductility.

Application: Electronics industry, optical coating, shielding materials, superconducting materials, etc.

Product

Image:



1. Sizes

Product ID	Formular	Size
8200ST001	Pb (99.99%)	Ø 25.4 mm x 3.175 mm
8200ST002	Pb (99.99%)	Ø 25.4 mm x 6.35 mm
8200ST003	Pb (99.99%)	Ø 50.8 mm x 3.175 mm
8200ST004	Pb (99.99%)	Ø 50.8 mm x 6.35 mm
8200ST005	Pb (99.99%)	Ø 76.2 mm x 3.175 mm
8200ST006	Pb (99.99%)	Ø 76.2 mm x 6.35 mm
8200ST007	Pb (99.99%)	200 mm x 100 mm x 7 mm
8200STDZ	Pb (99.99%)	Customized

2. Chemical compositions

	Metal impurities (ppm)					
Element Typical Value Purity	Sb	Cu	Ag	Bi	Fe	As
99.99%	≤ 20	≤ 15	≤ 20	≤ 15	≤ 15	≤ 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 protective equipment (e.g., mask, goggles, and gloves) and operate in a well-ventilated area to avoid inhalation or contact with dust; Avoid direct contact with lead sputtering target.

Store in a sealed, dry container to prevent moisture and prolonged exposure to air to avoid oxidation.

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