

Technical Data Sheet

Tin Metal Powder

Product ID: 5000PD001 - 5000PD006

Formular: Sn

Molecular weight: 118.71 g/mol

CAS No.: 7440-31-5

EINECS No.: 231-141-8

Color: Gray

Description: Our tin powder typically has a purity of $\geq 99.9\%$ and is available in both nano and micron sizes. It features good solderability and high ductility.

Application: Electronics and semiconductor industry, powder metallurgy, 3D printing and metal spraying, coatings, and lubricants, etc.

**Product
Image:**



1. Sizes

Product ID	Formular	Size
5000PD001	Sn (99.9%)	-200 Mesh
5000PD002	Sn (99.9%)	-325 Mesh
5000PD003	Sn (99.9%)	D50 < 10 μ m
5000PD004	Sn (99.9%)	100 nm
5000PD005	Sn (99.95%)	100-325 Mesh
5000PD006	Sn (99.95%)	200-500 Mesh
5000PD3NDZ	Sn (99.9%)	Customized
5000PD3N5DZ	Sn (99.95%)	Customized

2. Chemical compositions

		Metal impurities (ppm)					
Element	Typical Value	Fe	Pb	Bi	Cu	Zn	Al
Purity	99.9%	≤ 500	≤ 100	≤ 80	≤ 100	≤ 80	≤ 100
	99.95%	≤ 200	≤ 80	≤ 50	≤ 50	≤ 50	≤ 50

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.
Custom packaging is available.

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

Handle in a well-ventilated environment, avoiding dust dispersion and contact with open flames or heat sources.

Store in a sealed container in a cool, dry, and well-ventilated place, away from moisture, oxidizing agents, and ignition sources.

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