



Titanium Pellets

❖ Product Introduction

Titanium pellets are high-purity silver-gray metals with superior corrosion resistance, high strength-to-weight ratio and stable chemical properties. They have low impurities, good thermal stability and reliable performance under high temperature and vacuum. Featuring excellent biocompatibility, they are widely used in evaporation coating, alloy production, aerospace, medical and advanced industrial fields.

❖ Product Characteristics

- 1.High-purity titanium pellets with uniform size and low impurity content.
- 2.Excellent thermal stability and corrosion resistance for high-temperature applications.
- 3.Good melting behavior and stable chemical properties for evaporation processes.
- 4.Lightweight with high strength and good processability for industrial applications.

❖ Product Specifications

Product ID	Formula	Purity	Size
2200PL001	Ti	99.5%	Ø 3mm x 3mm
2200PL002	Ti	99.99%	Ø 6mm x 6mm
2200PL003	Ti	99.99%	Ø 3mm x 3mm
2200PL004	Ti	99.999%	Ø 6mm x 6mm
2200PLC01	Ti	Customized	Customized

Chemical Composition of 99.5% Ti Pellets (wt%)						
Al	Si	Fe	C	N	H	O
≤ 0.20	≤ 0.08	≤ 0.15	≤ 0.05	≤ 0.03	≤ 0.003	≤ 0.12

Chemical Composition of 99.99% Ti Pellets (ppm)								
Fe	Cu	Ni	Bi	Pb	Co	Si	Cd	Al
≤ 20	≤ 15	≤ 15	≤ 10	≤ 10	≤ 8	≤ 8	≤ 5	≤ 5

Chemical Composition of 99.999% Ti Pellets (ppm)								
Fe	Al	Si	Ni	Co	Cu	Bi	Pb	Cd
≤ 1.5	≤ 1.5	≤ 1.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5

❖ Typical Applications

Titanium pellets feature excellent corrosion resistance, high purity, and stable thermal performance, widely used in evaporation coating, semiconductor deposition, alloy preparation, electronics, aerospace, and advanced industrial applications.

❖ Packaging

Outer Packaging: Cardboard box or cardboard drum.

Inner Packaging: Double-layer vacuum-sealed bag.

Packaging Specifications: 1kg or 5kg per pack.

Customized packaging is available upon request.

❖ Storage

During transportation and storage, avoid moisture, contamination and direct sunlight. Keep away from fire sources and corrosive substances. Use the bag as soon as it is opened. The shelf life is no more than 24 months from the production date.

❖ Custom specifications are available, including

- Higher purity products are available.
- More sizes are available.
- Custom packaging is available.

❖ Cautions

Titanium pellets are stable under normal conditions. Dust or fumes from processing may irritate eyes, skin, and the respiratory system. Avoid inhalation and use appropriate protective equipment during handling. Customers are advised to inform us of their intended application before purchase.

Disclaimer

The information provided herein is for reference only and represents typical data, not guaranteed minimum or maximum specification values. It should not be used as a basis for final product design or specific application decisions. All data are subject to change without prior notice. We make no warranties, express or implied, regarding the accuracy or completeness of the information. Actual properties of individual batches may vary. Users are responsible for verifying the suitability of the product for their specific applications.