

Technical Data Sheet

Titanium Metal Pellets

Product ID:	2200PL001 - 2200PL004		
Formular:	Ti	Molecular weight:	47.87 g/mol
CAS No.:	7440-32-6	EINECS No.:	231-142-3
Color:	Silver-gray		
Description:	Our titanium granules are available in 2N5, 4N, and 5N purities, with customizable sizes upon request, offering excellent strength-to-weight ratio, corrosion resistance, and biocompatibility.		
Application:	Aerospace, medical implants, chemical processing, and advanced material applications.		

**Product
Image:**



1. Sizes

Product ID	Formular	Size
2200PL001	Ti (99.5%)	Ø 3 mm x 3 mm
2200PL002	Ti (99.99%)	Ø 6 mm x 6 mm
2200PL003	Ti (99.99%)	Ø 3 mm x 3 mm
2200PL004	Ti (99.999%)	Ø 6 mm x 6 mm
2200PL2N5DZ	Ti (99.5%)	Customized
2200PL4N5DZ	Ti (99.99%)	Customized
2200PL5NDZ	Ti (99.999%)	Customized

2. Chemical compositions

		Chemical Compositions (wt%)					
Element Typical Value Purity	Al	Si	Fe	C	N	H	O
	99.5%	≤ 0.20	≤ 0.08	≤ 0.15	≤ 0.05	≤ 0.03	≤ 0.003

		Metal impurities (ppm)							
Element Typical Value Purity	Al	Si	Fe	Co	Ni	Cu	Pb	Bi	Cd
	99.99%	≤ 5	≤ 8	≤ 20	≤ 8	≤ 15	≤ 15	≤ 10	≤ 10
99.999%	≤ 1.5	≤ 1.5	≤ 1.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5

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

Bottle/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 appropriate protective equipment to avoid contamination and dust inhalation, and operate in a clean, dry environment.

Store titanium granules in a dry, cool place away from oxidizing agents and moisture.

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