

Technical Data Sheet

Vanadium Granules

Product ID: 2300GN001 / 2300GN002

Formular: V

Molecular weight: 50.94 g/mol

CAS No.: 7440-62-2

EINECS No.: 231-171-1

Color: Gray

Description: Our vanadium granules have purities of 99.9% and 99.95%, can be customized in various sizes according to requirements, and feature high purity, uniform composition, stable melting performance, and well-controlled impurities.

Application: Metallurgy, alloy production, and vacuum evaporation applications.

Product

Image:



1. Sizes

Product ID	Formular	Size
2300GN001	V (99.9%)	1 - 10 mm
2300GN002	V (99.95%)	1 - 10 mm
2300GN3NDZ	V (99.9%)	Customized
2300GN3N5DZ	V (99.95%)	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)							
	Al	Si	Cr	Fe	Zr	Nb	Mo	W
99.9%	≤ 180	≤ 250	≤ 20	≤ 380	≤ 15	≤ 80	≤ 15	≤ 30
99.95%	≤ 100	≤ 250	≤ 15	≤ 20	≤ 10	≤ 30	≤ 20	≤ 15

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.

Customized 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

When using, wear a dust mask and operate in a clean environment to avoid contamination and ensure consistent evaporation performance.

Store in a dry, cool place, sealed or under inert gas, to prevent oxidation and moisture absorption.

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