HALBLEITER MATERIAL

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Technical Data Sheet

Niobium Metal Pellets

Product ID: **4100PL001 / 4100PL002**
Formula: Nb **Molecular weight:** 92.91 g/mol
CAS No.: 7440-03-1 **EINECS No.:** 231-113-5
Color: Gray
Description: Niobium pellets offer high purity, excellent corrosion resistance, a high melting point, and reliable performance in alloy production and advanced material applications.
Application: Superalloy production, specialty metallurgy, electronic components, etc.
Product Image:



1. Sizes

Product ID	Formula	Particle Size
4100PL001	Nb (99.95%)	Ø 3 mm x 3 mm
4100PL002	Nb (99.95%)	Ø 6 mm x 6 mm
4100PLDZ	Nb (99.95%)	Customized

2. Chemical compositions

	Chemical Compositions (ppm)								
Element / Typical Value / Purity	Ta	Fe	Ni	Si	Mo	Ti	Cu	W	Cr
99.95%	≤150	≤60	≤20	≤50	≤20	≤30	≤20	≤40	≤30

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-layer vacuum packaging.
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 with clean, dry tools and avoid contamination from moisture, dust, and other materials.

Store in a sealed container in a cool, dry environment to maintain their purity and prevent contamination.

Contact Us

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