HALBLEITER MATERIAL

Email: info@vimaterial.de
Tel: 0049 1626484175

Technical Data Sheet

Hafnium Pellets

Product ID: 7200PL001 - 7200PL004
Formula: Hf **Molecular weight:** 178.49 g/mol
CAS No.: 7440-58-6 **EINECS No.:** 231-166-4
Color: Silver gray
Description: Hafnium pellets feature excellent corrosion resistance, high melting point, good thermal stability, and reliable chemical properties.
Application: Used in vacuum coating, thin-film deposition, alloy manufacturing, nuclear technology, and advanced materials research.
Product Image:



1. Sizes

Product ID	Formula	Particle Size
7200PL001	Hf (99.95% (Zr< 1%))	Ø 2 mm x 5 mm
7200PL002	Hf (99.95% (Zr< 1%))	Ø 3 mm x 3 mm
7200PL003	Hf (99.95% (Zr< 1%))	Ø 6 mm x 6 mm
7200PL004	Hf (99.995% (Zr< 0.5%))	Ø 2 mm x 5 mm
7200PL3N5DZ	Hf (99.95% (Zr< 1%))	Customized
7200PL4N5DZ	Hf (99.995% (Zr< 0.5%))	Customized

2. Chemical compositions

	Chemical Composition (ppm)					
Element / Typical Value / Purity	Zr	Al	Si	Ti	Fe	Ta
99.95%	≤ 1%	≤ 50	≤ 20	≤ 50	≤ 50	≤ 20
99.995%	≤ 0.5%	≤ 2	≤ 5	≤ 2	≤ 20	≤ 10

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.
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 gloves and suitable tools to avoid contamination during weighing, transfer, and processing.

Store in sealed bags or containers in a cool, dry environment, protected from moisture, oxidation, and external contamination.

Contact Us

Website:www.vimaterial.de
Email: info@vimaterial.de
Tel: 0049 1626484175
Address: Begener Straße 14., 30625 Hannover, Niedersachsen, Germany.