HALBLEITER MATERIAL

Email: info@vimaterial.de
Tel: 0049 1626484175

Technical Data Sheet

Hafnium Rod

Product ID: 7200RD001 - 7200RD004
Formula: Hf **Molecular weight:** 178.49 g/mol
CAS No.: 7440-58-6 **EINECS No.:** 231-166-4
Color: Silver gray
Description: Hafnium rods feature a high melting point, excellent corrosion resistance, good mechanical strength, and outstanding high-temperature stability.
Application: Used in high-temperature alloys, nuclear technology, vacuum coating, electrode manufacturing, and advanced materials research.
Product Image:



1. Sizes

Product ID	Formula	Particle Size
7200RD001	Hf (99.95% (Zr< 1%))	Ø 15 mm x 100 mm
7200RD002	Hf (99.995% (Zr< 0.5%))	Ø 15 mm x 200 mm
7200RD003	Hf (99.95% (Zr< 1%))	Ø 20 mm x 100 mm
7200RD004	Hf (99.995% (Zr< 0.5%))	Ø 30 mm x 200 mm
7200RD3N5DZ	Hf (99.95% (Zr< 1%))	Customized
7200RD4N5DZ	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

Use scratch-resistant, soft materials (such as foam or EPE) for separation.

The outer layer is sealed in a moisture-proof or vacuum bag.

Then placed in a foam-filled carton or wooden box.

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 gloves and suitable tools, avoiding surface contamination, scratches, and unnecessary contact with moisture during processing.

Store in a dry, well-ventilated environment with protective packaging to prevent oxidation, moisture exposure, and surface contamination.

Contact Us

Website:www.vimaterial.de

Email: info@vimaterial.de

Tel: 0049 1626484175

Address: Begener Straße 14., 30625 Hannover, Niedersachsen, Germany.