HALBLEITER MATERIAL

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Technical Data Sheet

Molybdenum Metal Rod

Product ID: **4200RD001 - 4200RD005**

Formular: Mo **Molecular weight:** 95.94 g/mol

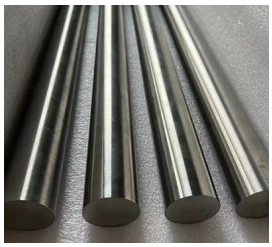
CAS No.: 7439-98-7 **EINECS No.:** 231-107-2

Color: Silver gray

Description: Our molybdenum rods have a purity of 99.95% and can be customized in various sizes. They offer high purity, high strength, excellent thermal stability, and strong corrosion resistance.

Application: High-temperature furnaces, electronics, aerospace components, and precision machining applications.

Product Image:



1. Sizes

Product ID	Formular	Size
4200RD001	Mo (99.95%)	Ø 3 mm x 100 mm
4200RD002	Mo (99.95%)	Ø 5 mm x 500 mm
4200RD003	Mo (99.95%)	Ø 8 mm x 500 mm
4200RD004	Mo (99.95%)	Ø 20 mm x 100 mm
4200RD005	Mo (99.95%)	Ø 50 mm x 200 mm
4200RDDZ	Mo (99.95%)	Customized

2. Chemical compositions

	Metal impurities (ppm)					
Element / Typical Value / Purity	Fe	Ni	Si	Cr	Cu	Sn
99.95%	≤ 100	≤ 50	≤ 100	≤ 50	≤ 20	≤ 20

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

Each rod is individually separated with scratch-resistant soft materials (such as foam or EPE).

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

When using, wear protective gloves to avoid heavy impact, and used under appropriate conditions.

Stored in a dry, well-ventilated, and corrosion-free environment, with proper packaging to prevent deformation and contamination.

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