

Technical Data Sheet

Germanium Rod

Product ID:	3200RD001 / 3200RD002		
Formular:	Ge	Molecular weight:	72.64 g/mol
CAS No.:	7440-56-4	EINECS No.:	231-164-3
Color:	Metallic-gray		
Description:	Our germanium rods feature a purity of $\geq 99.999\%$ (5N) and can be customized in various sizes according to customer requirements. They offer excellent electrical conductivity, superior infrared transmission.		
Application:	Semiconductor devices, infrared optics, solar energy systems, radiation detectors, etc.		

**Product
Image:**



1. Sizes

Product ID	Formular	Size
3200RD001	Ge (99.999%)	Ø 10 mm x 100 mm
3200RD002	Ge (99.999%)	Ø 10 mm x 150 mm
3200RDDZ	Ge (99.999%)	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)					
	Ni	Al	Fe	Bi	As	Cd
99.999%	≤ 1.0	≤ 0.5	≤ 2.0	≤ 2.0	≤ 2.0	≤ 1.0

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

Double vacuum inner bag.
Carton/wooden box outer bag.
Customized according to customer requirements.

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, non-abrasive gloves to prevent contamination and surface damage.

Store in a dry, clean, and sealed environment away from moisture, oxidation, and corrosive materials.

Contact Us

Website: www.vimaterial.de

Email: info@vimaterial.de

Tel: 0049 1626484175

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