

Technical Data Sheet

Germanium dioxide Powder

Product ID: 320800PD001 / 320800PD002

Formular: GeO₂

Molecular weight: 104.64 g/mol

CAS No.: 1310-53-8

EINECS No.: 215-180-8

Color: White

Description: Our germanium dioxide typically has a purity of ≥99.99%, with extremely low impurity content, and exhibits excellent optical properties and semiconductor characteristics.

Application: Optical materials, semiconductors, catalysts, etc.

**Product
Image:**



1. Sizes

Product ID	Formular	Size
320800PD001	GeO ₂ (99.99%)	-200 Mesh
320800PD002	GeO ₂ (99.999%)	-200 Mesh
320800PDDZ	GeO ₂	Customized

2. Chemical compositions

Element Typical Value Purity	Chemical Composition (ppm)							
	Co	Zn	Cu	Al	Ni	Pb	Fe	As
99.99%	≤ 10	≤ 20	≤ 15	≤ 15	≤ 10	≤ 8	≤ 10	≤ 8
99.999%	≤ 1.0	≤ 1.0	≤ 1.0	≤ 2.0	≤ 1.0	≤ 1.0	≤ 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

Bottled/Bag.

Double vacuum packed.

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 equipment (e.g., mask, goggles, and gloves) and operate in a well-ventilated area to avoid inhalation or contact with dust.

Stored in a sealed container in a cool, dry place, away from incompatible substances such as acids and alkalis, and the storage container should be regularly inspected for integrity.

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