

Technical Data Sheet

Gallium oxide Granules

Product ID: 310800GN001- 310800GN002

Formular: Ga₂O₃

Molecular weight: 187.44 g/mol

CAS No.: 12024-21-4

EINECS No.: 234-691-7

Color: White

Description: Our gallium oxide (Ga₂O₃) granules typically have a purity of ≥99.99% and can be customized to higher purities and various sizes, featuring high purity, uniform particle size, excellent thermal stability, and good dispersibility.

Application: Power electronics, ultraviolet optoelectronic devices, and optical thin films.

Product

Image:



1. Sizes

Product ID	Formular	Size
310800GN001	Ga ₂ O ₃ (99.99%)	3 mm - 6 mm
310800GN002	Ga ₂ O ₃ (99.999%)	3 mm - 6 mm
310800GN4NDZ	Ga ₂ O ₃ (99.99%)	Customized
310800GN5NDZ	Ga ₂ O ₃ (99.999%)	Customized

2. Chemical compositions

Element Typical Value Purity	Chemical Composition (ppm)					
	Pb	Zn	Fe	Cr	Ni	Na
99.99%	≤ 15	≤ 20	≤ 25	≤ 15	≤ 10	≤ 10
99.999%	≤ 0.5	≤ 1.0	≤ 2.0	≤ 0.5	≤ 1.0	≤ 1.5

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.

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 a dust mask, ensure proper ventilation, avoid moisture and strong mechanical impact;

Stored in a dry, dark, and sealed container to prevent moisture and contamination.

Contact Us

Website: www.vimaterial.de

Email: info@vimaterial.de

Tel: 0049 1626484175

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