HALBLEITER MATERIAL

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Technical Data Sheet

Calcium Fluoride Granules

Product ID: 200900GN001 - 200900GN004

Formula: CaF_2 **Molecular weight:** 78.07 g/mol

CAS No.: 7789-75-5 **EINECS No.:** 232-188-7

Color: White / Crystalline

Description: Our calcium fluoride granules have a purity of ≥99% and are available in both sintered and crystal grades. They feature high purity, excellent transparency, a low refractive index, and outstanding chemical stability.

Application: Optics, laser systems, vacuum coating, high-performance ceramic, etc.

Product Image:



1. Sizes

Product ID	Formula	Size	Type
200900GN001	CaF_2 (99.99%)	1 mm - 3 mm	Crystalline
200900GN002	CaF_2 (99.99%)	3 mm - 6 mm	Crystalline
200900GN003	CaF_2 (99%)	1 mm - 3 mm	Sintered
200900GN004	CaF_2 (99%)	3 mm - 6 mm	Sintered
200900GN2NDZ	CaF_2 (99%)	Customized	Sintered
200900GN4NDZ	CaF_2 (99.99%)	Customized	Crystalline

2. Chemical compositions

	Metal impurities (ppm)			
Element / Typical Value / Purity	Fe	Cu	Ni	Mn
99%	≤ 1500	≤ 500	≤ 800	≤ 500
99.99%	≤ 25	≤ 10	≤ 10	≤ 8

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 and operate in a dry, contamination-free conditions to ensure optimal optical performance.

Stored in a dry, sealed, and non-corrosive environment to prevent moisture absorption and contamination.

Contact Us

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