

Technical Data Sheet

Boron Nitride Granules

Product ID: 050700GN001**Formula:** BN**Molecular weight:** 24.82 g/mol**CAS No.:** 10043-11-5**EINECS No.:** 233-136-6**Color:** White

Description: Boron Nitride (BN) Granules offer high purity, excellent thermal conductivity, high-temperature resistance, electrical insulation, chemical stability, and thermal shock resistance.

Application: Advanced ceramics, electronics, and high-temperature applications.

**Product
Image:**



1. Physical Properties

Product ID	Formula	Sizes
050700GN001	BN (99.5%)	3 mm - 12 mm
050700GNDZ	BN (99.5%)	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)						
	Al	Si	K	Ca	Mn	Fe	Ni
99.5%	≤ 300	≤ 500	≤ 200	≤ 300	≤ 200	≤ 200	≤ 100

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.

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 in a clean, dry environment and avoid excessive moisture, contamination, and mechanical damage during use.

Store in a tightly sealed container in a cool, dry, well-ventilated place, protected from moisture and direct sunlight.

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