

Technical Data Sheet

Barium Carbonate Powder

Product ID: 56060800PD001 / 56060800PD002
Formular: BaCO₃ **Molecular weight:** 197.35 g/mol
CAS No.: 513-77-9 **EINECS No.:** 208-167-3
Color: White
Description: Our barium carbonate powder has a typical purity of ≥99.5% and can be customized in different particle sizes. It features high purity, excellent chemical stability, and good thermal stability.
Application: Glass, ceramics, magnetic materials, and electronic components.

Product Image:



1. Physical Properties

Product ID	Formular	Particle Size
56060800PD001	BaCO ₃ (99.5%)	-325 Mesh
56060800PD002	BaCO ₃ (99.5%)	< 200 nm
56060800PDDZ	BaCO ₃ (99.5%)	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (wt%)				
	Fe	Sr	Ca	Na	Mg
99.5%	≤ 0.05	≤ 0.1	≤ 0.2	≤ 0.01	≤ 0.02

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 packaging is available.

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 well-ventilated area to avoid inhalation of dust or skin contact.

Store in a sealed container in a dry, cool, and well-ventilated place, away from moisture and acidic substances.

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