

Technical Data Sheet

Lithium Silicate Powder

Product ID: 03140800PD001 / 03140800PD002

Formular: Li_2SiO_3

Molecular weight: 89.97 g/mol

CAS No.: 10102-24-6

EINECS No.: 2233-270-5

Color: White

Description: Our lithium metasilicate powder has a purity of $\geq 99.5\%$ and can be customized to different particle sizes according to requirements. It offers excellent high-temperature stability, good corrosion resistance, and low solubility.

Application: Ceramic industry, lithium battery materials, adsorption materials, glass production, etc.

Product

Image:



1. Physical Properties

Product ID	Formular	Appearance
03140800PD001	Li_2SiO_3 (99.5%)	-325 Mesh
03140800PD002	Li_2SiO_3 (99.5%)	<10 μm
03140800PDDZ	Li_2SiO_3 (99.5%)	Customized

2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)						
	Fe	Al	Ca	Na	Ni	Co	Zn
99.5%	≤ 1000	≤ 80	≤ 100	≤ 100	≤ 80	≤ 50	≤ 50

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 of dust or direct skin contact.

Store in a dry, cool, well-ventilated area, and protect from moisture to prevent clumping or reactions.

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