

Fused silica powder 2000mesh

Fused Silica

Application

◆ Used in electronic packaging, investment casting, high-grade electrical insulation, paint and coatings, silicone rubber, refractories, high-grade plastics, special ceramics, anode materials for battery and other industries.

Features

- ◆ Extremely low linear expansion coefficient and low internal stress.
- ◆ High purity, good whiteness and uniform particle size .
- ◆ Good electromagnetic radiation.
- ◆ Low ion content, low conductivity, excellent electrical insulation.
- ◆ Stable chemical properties and high moisture resistance.
- ◆ Good acid and alkali resistance, high temperature resistance and insulation performance.

Typical Physical Data

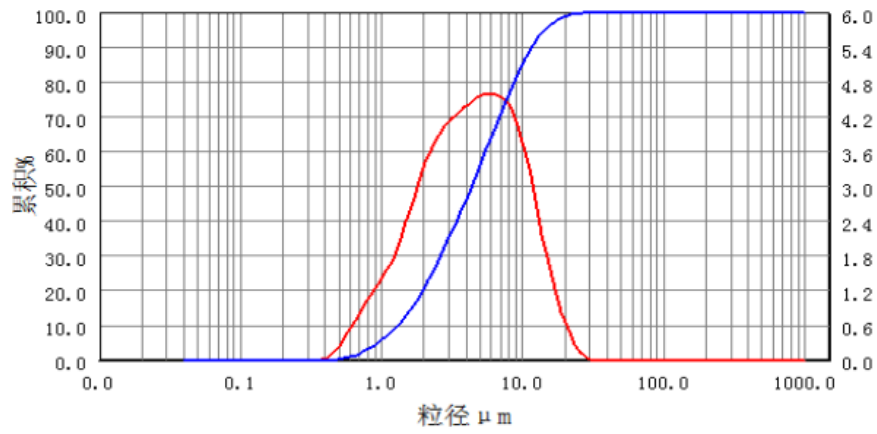
Items		Unit	Typical Value	Test Method
Laser Method	D10	um	1.314	Laser Analyzer
	D50	um	4.337	
	D90	um	11.61	
BET(SSA)		m ² /kg	785.3	

Typical Testing Data

Item	Unit	Standard Scope	Typical value
Apperance	-	White powder	2000mesh
Amorphous SiO ₂	%	99.9-99.98	99.02
Whiteness	%	95-99.6	99.08
Fe ₂ O ₃	%	≤0.03	0.011
Conductivity	Us/cm	5-30	3.2
PH value		6.5-8.0	7.2
Moisture	%	<0.2	0.15
Inductivity	1MHz	3.88	3.88
Moh's hardness		6	6
Density	g/cm ³	2.2	2.2
Bulk density	g/ml	<0.6	0.51

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Partical Size Distribution



Remark

If the customers have some special request that is not included in the table, we can try our best to meet it with adjustment in process.