



Silica High Purity Quartz Sand

Our Product Introduction

for more products please visit us on melonmaterials.com

Basic Information

- Place of Origin: Wuhan, Hubei, China
- Brand Name: Meilun Materials
- Model Number: SNK-S-2004
- Minimum Order Quantity: 20kg
- Packaging Details: 20kg/bag, 1000kg/pallet
- Payment Terms: L/C, T/T
- Supply Ability: 100T/month



Product Specification

- Highlight: electronics Silica, optics Silica, semiconductors High purity quartz sand



Product Description

Product Description:

99.9% High Purity Quartz Sand

Background:

99.9% high purity quartz sand is a highly pure mineral material meticulously processed through rigorous sorting, crushing, purification, grinding, grading, and other procedures to produce α -crystal silica powder. Its outstanding chemical stability and physical properties make it widely used in various fields, including electronics, optics, semiconductors, and chemical engineering.

Product Features:

High Purity: The primary component of 99.9% high purity quartz sand is SiO_2 , with a purity exceeding 99.9%, virtually free from impurities, ensuring its stability and reliability in applications.

Excellent Chemical Stability: Quartz sand exhibits outstanding chemical stability, capable of withstanding the corrosion of most chemicals, such as acids and alkalis, while maintaining its original physical and chemical properties.

Superior Thermal Stability: 99.9% high purity quartz sand can withstand high-temperature environments, maintaining stable physical and chemical properties, making it suitable for high-temperature processing and applications.

Good Optical Performance: Quartz sand possesses excellent optical transparency and refractive index, suitable for applications in optical devices, optical lenses, and other fields, ensuring the performance and precision of optical devices.

Controllable Particle Size: During production, the particle size and shape of quartz sand can be controlled according to customer requirements, meeting the demands of different application scenarios.

Application Areas:

99.9% high purity quartz sand is widely used in the following fields:

Electronics Industry: Used in the manufacturing of semiconductors, optical fibers, integrated circuits, etc.

Optical Field: Utilized in the production of optical lenses, optical devices, optical glass, etc.

Chemical Engineering Industry: Employed in the manufacture of chemical reactors, chemical reagents, etc.

Conclusion:

As a highly pure mineral material, 99.9% high purity quartz sand exhibits excellent chemical stability, thermal stability, and optical performance, playing a significant role in electronics, optics, chemical engineering, and other fields. Its high purity, controllable particle size, and stable physical and chemical properties make it an indispensable material in various industries, providing a solid foundation for product performance and quality.

Product types and models

Project	unit	Typical value
<i>Appearance</i>	/	<i>White powder</i>
<i>Density</i>	kg/m ³	2.65
Purity(SiO_2)	%	99.93
Fe_2O_3	ppm	<50
Particle size(D_{50})	μm	2.5 ± 0.5
<i>Conductivity</i>	$\mu\text{S/cm}$	<10
PH value	-	7
<i>Ionic impurities (Na^+, Cl^-, etc.)</i>	ppm	<3

(Surface Modification and Customization Available to Meet Customer Needs. Please Inquire with Our Company for Further Details.)

Storage and validity period

This product should be stored in a cool and well-ventilated area. It has a shelf life of three years, and even if it exceeds this period, it can still be used after passing re-inspection.

Package

20 kg/bag

1 Mt/pallet



Wuhan Meilun New Materials Co., Ltd



+8618062439876



hu1150563785@gmail.com



melonmaterials.com

