



ATA Materials 2023-2024

Your Trusted Partner in Silica Materials Export

Welcome to Ata Materials, a leading raw material export company specializing in the sourcing, processing, and distribution of high-quality silica materials. With our commitment to excellence, reliability, and customer satisfaction, we have established ourselves as a trusted partner in the global market.

At Ata Materials, we understand the significance of silica as a versatile raw material in various industries.



From construction to electronics, from pharmaceuticals to renewable energy

Recognizing the growing demand for superior-grade silica materials worldwide, we have dedicated ourselves to delivering exceptional products and services to meet the diverse needs of our customers.



Glass and crystal industry

Silica is the main ingredient in glass. It is used to make clear, strong, and durable glass for windows, bottles, and other products.



Ceramic industry

Silica is used to make a variety of ceramic products, such as pottery, tiles, and bricks. It is also used in the production of refractories, which are materials that can withstand high temperatures.



energy

We play a crucial role in the renewable energy sector by supplying silica for solar panels, energy storage systems, and advanced battery technologies.



Water treatment industry

Silica plays a significant role in the water treatment industry, particularly in the field of water purification and conditioning. Silica is commonly used in various forms to address specific water treatment challenges.



Call us on +984133369266 or leave us a message and we'll get back to you as soon as possible.



Why Choose Ata Materials?

1. **Unmatched Quality:** Our silica materials, with exceptional purity and quality, undergo rigorous processing to meet industry standards. They consistently deliver outstanding performance in your applications.
2. **Tailored Solutions:** We understand that every industry has unique requirements. Our experts collaborate with you to customize our silica materials for your specific needs, ensuring optimal results.
3. **Reliable Supply:** Our robust supply chain ensures timely material delivery, preventing disruptions to your production schedules.
4. **Comprehensive Support:** Beyond materials, we offer comprehensive technical support to maximize the potential of our silica materials in your processes.
5. **Sustainability:** Committed to ethical and environmentally friendly practices, we offer sustainable sourcing options, aligning your operations with responsible business practices.



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Silica quartz

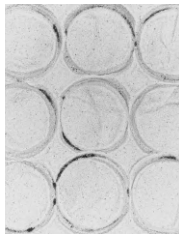
The chemical compound silicon dioxide, also known as silica has been known for its hardness since antiquity. Silica is most commonly found in nature as sand or quartz. Silica quartz is used in so many different ways. From water filtration, to glass manufacture, to industrial casting, to sand blasting, to producing concrete, to adding texture to slick roads.



pure silica quartz powder

Silica sand powder is the major ingredient in principal glass products include tableware (crystal, drinking glasses etc.), personal mobile devices, decorative glass, and fibreglass . also it is used in producing Paints, plastics and rubber, ceramic galzes, aerospace, military and automotive components.

Particle size < 0.3 mm



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Particle size < 0.3 mm



very fine silica quartz

Silica is the major ingredient in virtually all types of glass. The principal glass products include containers (bottles and jars), flat glass (windows, mirrors, vehicle glazing, etc.), lighting glass (light bulbs, etc.) decorative glass, optical glass and vacuum flasks.

Particle size 1 ~ 0.3 mm



fine silica quartz

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Particle size 1.5 ~ 0.3 mm



silica quartz size 3

silica sand are the principal filtration medium used by the food and water industry to extract solids from potable and wastewater.

Particle size ~ 3 mm



silica quartz size 5

Silica is the major ingredient in virtually all types of glass. The principal glass products include containers (bottles and jars), flat glass (windows, mirrors, vehicle glazing, etc.), lighting glass (light bulbs, etc.) decorative glass, optical glass and vacuum flasks.

Particle size | ~ 5 mm



silica quartz size 18

Silica is the major ingredient in virtually all types of glass. The principal glass products include containers (bottles and jars), flat glass (windows, mirrors, vehicle glazing, etc.), lighting glass (light bulbs, etc.) decorative glass, optical glass and vacuum flasks.

Particle size | ~ 18 mm

Chemical analysis

Composition	Weight percent
SiO ₂	99.54
Fe ₂ O ₃	0.011
Al ₂ O ₃	0.054
CaO	0.031
MgO	0.007
Na ₂ O	0.018
K ₂ O	0.01
TiO ₂	0.007
L.O.I	0.013



Sample Request and Quality Assurance:

We are pleased to offer samples of our high-purity silica materials. Our silica boasts a remarkable melting point of **1700°C with 95%** recovery in industrial furnaces, ensuring exceptional quality for your applications.

Let's Collaborate:

A partnership with Ata Materials can empower your company to achieve higher levels of efficiency and product quality, whether in the Glass Industry or any sector relying on top-tier silica materials.

We invite you to discuss how our silica materials can make a substantial difference in your production processes. Reach out to us at [Schedule a Consultation](<https://atamaterials.com/>) for further information.

Thank you for considering Ata Materials as your preferred silica materials partner. We look forward to the opportunity to collaborate with you and contribute to your ongoing success.



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