



Purity 999 Silicon Dioxide Powder Featuring Meltingpoint 1710 °C Suitable for Paints Polymers and Construction Materials

Basic Information



Product Specification

- State: Powder
- Storageconditions: Store In A Cool, Dry Place Away From Moisture
- Hs Code: 28112210
- Trademark: Sunhere
- Purity: 99.9%
- Volatile: Not Volatile
- Specification: 10kg
- Cas No: 7631-86-9
- Highlight: **999 silicon dioxide powder, silicon dioxide for paints, high melting point silicon dioxide**

Our Product Introduction

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Product Description:

Sunhere Amorphous Silicon Dioxide is a high purity silicon dioxide product designed to meet the stringent demands of various industrial and commercial applications. This premium-grade amorphous silicon dioxide is characterized by its outstanding quality, exceptional purity, and consistent performance, making it an ideal choice for manufacturers and formulators seeking reliable and efficient raw materials.

The appearance of Sunhere High Purity Silicon Dioxide is a fine white or colorless powder, ensuring it can be easily incorporated into a wide range of formulations without altering the visual or physical characteristics of the final product. Its amorphous nature distinguishes it from crystalline forms of silicon dioxide, offering enhanced properties such as improved dispersibility, lower abrasiveness, and superior stability in various applications.

One of the key features of Sunhere Amorphous Silicon Dioxide is that it is non-volatile, ensuring safe handling and minimal loss during processing. This stability under typical storage and usage conditions enhances its appeal across industries including pharmaceuticals, cosmetics, food additives, adhesives, paints, and coatings, where consistent performance and safety are paramount.

The product is carefully packaged in 10 kg kraft bags, which are either palletized or packed in cartons to ensure secure transport and convenient handling. This packaging method not only protects the silicon dioxide from contamination and moisture but also facilitates efficient logistics and storage, reducing the risk of damage or spillage during transit. Whether you require bulk quantities or smaller batches, Sunhere's packaging options provide flexibility to suit your operational needs.

Sunhere's commitment to quality is evident in every batch of their High Purity Silicon Dioxide. Manufactured under stringent quality control standards, this amorphous silicon dioxide consistently meets or exceeds industry specifications, ensuring that it performs reliably in demanding environments. Its high purity level minimizes impurities that could interfere with chemical reactions or degrade product quality, making it an indispensable component in high-performance formulations.

Applications of Sunhere Amorphous Silicon Dioxide are diverse and extensive. In the pharmaceutical industry, it serves as a glidant and anti-caking agent, improving the flow properties of powders and ensuring uniform dosing in tablet production. In cosmetics, it acts as a thickener and absorbent, enhancing texture and stability while maintaining a pleasant feel on the skin. Additionally, in the food industry, this high purity silicon dioxide functions as an anti-caking agent, preserving the free-flowing nature of powdered products.

The unique properties of amorphous silicon dioxide also make it invaluable in industrial settings. It is commonly used in adhesives and sealants to improve mechanical strength and durability. In paints and coatings, it contributes to enhanced scratch resistance and improved dispersion of pigments, resulting in longer-lasting finishes. The versatility of Sunhere Amorphous Silicon Dioxide underscores its role as a critical ingredient across multiple sectors.

Choosing Sunhere Amorphous Silicon Dioxide means selecting a product backed by a reputable trademark known for quality, reliability, and innovation. The Sunhere brand represents a trusted source of advanced materials that help manufacturers optimize their processes and deliver superior products to the market. With a focus on customer satisfaction and continuous improvement, Sunhere ensures that every shipment of High Purity Silicon Dioxide meets the highest standards of excellence.

In summary, Sunhere Amorphous Silicon Dioxide is a white or colorless powder with exceptional purity and non-volatile characteristics, offered in convenient 10 kg kraft bag packaging with pallet or carton options for secure transport. Its superior quality and versatility make it an essential component for a wide range of applications, from pharmaceuticals and cosmetics to food and industrial manufacturing. Trust Sunhere to provide the high purity, reliable amorphous silicon dioxide you need to advance your products and processes efficiently.

Applications:

The Fumed Silicon Dioxide Powder, also known as Amorphous Silicon Dioxide, is a highly versatile product widely utilized across various industries due to its exceptional purity and unique physical properties. With a purity of 99.9%, this Silicon Dioxide Powder ensures top-tier performance, making it an indispensable ingredient in numerous applications. Packaged conveniently in a 10kg specification under the trusted Sunhere trademark, this product is designed for ease of use and reliable quality.

One of the primary application occasions for this Fumed Silicon Dioxide Powder is in the pharmaceutical industry. Its fine particle size and high purity make it an excellent anti-caking agent and thickener in tablet formulations, ensuring consistent dosage and improved stability. Additionally, it serves as a flow agent in powdered medications, enhancing manufacturing efficiency.

In the cosmetics and personal care sector, Amorphous Silicon Dioxide is frequently used as an absorbent and texture enhancer. It helps improve the consistency of powders, creams, and lotions, providing a smooth, silky feel on the skin. The Silicon Dioxide Powder's ability to absorb moisture makes it ideal for use in deodorants and other products aimed at controlling perspiration.

The food industry benefits significantly from this Silicon Dioxide Powder, where it acts as an anti-caking agent in powdered foods, spices, and salt, preventing clumping and ensuring free flow during processing and packaging. Its inert nature and high purity level ensure that it does not interfere with the taste or safety of food products.

Industrial applications also leverage the unique properties of Fumed Silicon Dioxide Powder. It is commonly used as a reinforcing filler in silicone rubber and adhesives, enhancing mechanical strength and durability. Additionally, it serves as a thickening and anti-settling agent in paints, coatings, and sealants, improving product stability and performance.

For optimal storage and preservation of the Silicon Dioxide Powder, it is essential to store the product in a cool, dry place away from moisture. Proper storage conditions maintain the powder's integrity, prevent clumping, and extend shelf life, ensuring consistent quality for all application scenarios.

In summary, the Sunhere Fumed Silicon Dioxide Powder, with its high purity of 99.9% and convenient 10kg packaging, is a critical material for pharmaceutical, cosmetic, food, and industrial applications. Its diverse functionality and reliable quality make it a preferred choice for professionals seeking superior Amorphous Silicon Dioxide for their manufacturing and formulation needs.

Packing and Shipping:

The Silicon Dioxide product is carefully packaged to ensure maximum protection during transit. It is typically packed in moisture-resistant, durable bags or drums to prevent contamination and preserve product quality.

For shipping, the product is securely loaded onto pallets and wrapped to avoid any spillage or damage. It is transported in compliance with all relevant safety and regulatory standards to ensure safe delivery to the customer.

FAQ:

Q1: What is Silicon Dioxide commonly used for?

A1: Silicon Dioxide is widely used as an anti-caking agent in food products, a component in glass manufacturing, and as a filler in various industrial applications.

Q2: Is Silicon Dioxide safe for consumption?

A2: Yes, Silicon Dioxide is generally recognized as safe (GRAS) by food safety authorities when used within recommended limits in food products.

Q3: In what forms is Silicon Dioxide available?

A3: Silicon Dioxide is available in various forms including powder, granules, and as a colloidal suspension, depending on its intended use.

Q4: How should Silicon Dioxide be stored?

A4: Silicon Dioxide should be stored in a cool, dry place away from moisture and direct sunlight to maintain its quality and effectiveness.

Q5: Can Silicon Dioxide be used in pharmaceuticals?

A5: Yes, Silicon Dioxide is commonly used as an excipient in pharmaceutical formulations to improve powder flow and act as a glidant.



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