

# Silicon Dioxide Nano Particle



We manufacture  $\text{SiO}_2$  nanoparticles by solgel method in bulk quantity with multi-point of quality check to get accurate Silicon dioxide nanopowder.



APS: 20-50 nm

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# PRODUCT FEATURES

# SiO<sub>2</sub>

Purity: 99%

## Advantages

- ▶ High thermal conductivity. Exceptionally low moisture absorption.
- ▶ Extremely low permeability to gases and to ionic contaminants.
- ▶ No Thermal wells or Thermal vias. Supports built-in thin film terminating resistors
- ▶ Highest reliability; passes 100-hr. steam/salt pot tests. Enables low-cost,
- ▶ non-hermetic packaging. Precise capacitance/impedance/prop delay control.
- ▶ SiO<sub>2</sub> Nanoparticles is transparent, and its density is 2634 kg/m<sup>3</sup>
- ▶ No leakage between conductors.

## Applications

Silica (SiO<sub>2</sub>) Nano Powder Is Used To Make Glass Products, Molten Sand, Cement, Fiberglass, Ceramic Enamel, Sandblasting For Antioxidants, Filter Sand, Flux

Used To Create Important Parts Of The Electronics, Optical Instruments, And Crafts Industry.

Raw Material For The Manufacture Of Optical Fibers.

In The Adhesive And Sealant Field.

Used In Material Packing.

Used In Textile Industry

Biomedical Applications

Are Used In Paints And Inks

Used In Agriculture And Food Industry