



Silicon Dioxide Nano Powder (20-30)nm Amorphous -Fume(Hydrophobic)- 100 g

Form : Powder

Code: M606

Purity:99.8%

Color : White

Odor : Odorless

Melting Point : 1610-1728 C°

Boiling Point Range: 2230

Density: at 20 C 2.17-2.66 g/Cm³

Water : insoluble

Cas No.:7631-86-9



Hydrophobic silica features:

1. is a hydrophobic silica prepared by the chemical reaction of hydrophilic fumed silica reactive silanes (e.g., chlorosilanes or hexamethyldisilazane amine oxide). It is hydrophobic (water repellent), and can not be dispersed in water.
2. hydrophobic silica products are characterized by: low moisture absorption, good dispersion, rheology even have the ability to regulate for polar systems

Hydrophobic silica functions:

1. processing using the most appropriate rheological
2. thickening polar liquids, such as epoxy resin
3. reinforced silicone elastomer
4. High added amount, as in the molded article
5. Good hydrophobicity, improve corrosion resistance
6. Improved dielectric properties, such as composite cables
7. Powder glidants, such as fire extinguishing agent
8. increase in the coatings and plastics scratch resistance

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