



FUMED SILICA

TECHNICAL DATA SHEET

Fusil® 200 is hydrophilic fumed silica with a specific surface area of 200 m²/g. The original particle size can be 5-40 nm. It's a kind of high purity white colloidal powder.

CHARACTERISTIC PHYSICO-CHEMICAL DATA

Test Item	Standard	Standardization
Specific Surface Area BET (m ² /g)	200±15	Q/(GZ) GBS01-2002
pH Value in 4% dispersion	3.8~4.2	ISO787-9
Loss on Drying 2h@ 105°C (%)	≤1.5	ISO787-2
Loss on Ignition 2h@ 1000°C (%)	≤2.0	ISO3236-1
Sieve Residue (%)	≤0.05	ISO787-18
Bulk Density (g/l)	30~60	ISO787-11
SiO ₂ Content (%)	≥99.8	ISO3262-20

PROPERTIES

- Reinforcing filler in elastomers
- Rheology and thixotropy control of liquid systems
- Used as anti-settling, thickening, anti-sagging agent
- Improvement of free flow and anti-caking
- Characteristics of powders
- High transparency

SAFETY & HANDLING

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet, which will be sent with the first delivery or upon updating. Such information is also available from Fuchang Chemical, Product Safety Department, E-MAIL info@fuchangchem.com or can check from our homepage www.fuchangchem.com. We recommend to read carefully the safety data sheet prior to the use of our product.

APPLICATIONS

- Paints, Coatings, Printing inks and unsaturated polyester resins
- Sealants and Silicone Adhesive
- Elastomers, especially HTV and RTV Silicone rubber
- Cosmetics and Heat insulator

PACKING & STORAGE

- Packaged in multiple layer Kraft paper, 10kg per bag
- Stored in aeration-drying storage areas for protecting the material from volatile substance.
- Should be used within 2 years after production.

TRANSPORTATION

- 20'GP: 2.0 Mt, 10 pallets, 200KG/pallet.
- 40'HQ: 4.0Mt, 20 pallets, 200KG/pallet.

SERVICE

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