

### Hydrophobic Fumed Silica

Fusil<sup>®</sup> 620 is hydrophobic fumed silica after treated with HMDS (hexamethyldisilazane) based on a hydrophilic fumed silica with a specific surface area of 200 m<sup>2</sup>/g . It's a kind of high purity white colloidal powder.

#### Characteristic physico-chemical data

Test Item	Standard	Standardization
Specific Surface Area BET (m <sup>2</sup> /g)	170±20	GB/T 10722
pH Value in 4% dispersion	5.5-8.0	GB/T 1717
Loss on Drying 2h@ 105°C (%)	≤0.5	GB/T 5211.3
Loss on Ignition 2h@ 1000°C (%)	≤4.0	GB/T 20020
SiO <sub>2</sub> Content (based on ignited material)(%)	≥99.8	GB/T 20020
Bulk Densit (g/l)	40-60	GB/T 5211.4
Carbon content (based on material dried for 2h@ 105°C) (%)	1.5-2.5	GB/T 20020

#### Applications

- HTV silicone rubber & LSR
- Sealants and Silicone Adhesive
- Coatings, inks
- Powder coatings

#### Packing and 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.

#### Properties

- Reinforcement of HTV silicone rubber, anti-caking
- High hydrophobicity and stable thixotropy, using in coatings and inks can prevent from anti-caking, anti-sagging, anti-thixotropy.
- Good performance of hydrophobic feature and rheology in adhesives and sealants
- Improve the free flow of powder coatings and anti-caking

#### 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](mailto:info@fuchangchem.com) or can check from our homepage [www.fuchangchem.com](http://www.fuchangchem.com). We recommend to read carefully the safety data sheet prior to the use of our product.

#### Transportation

- 20'GP: 1.8 Mt, 10 pallets, 180KG/pallet.
- 40'HQ: 4.0Mt, 20 pallets, 200KG/pallet.

#### Service

Email: [info@fuchangchem.com](mailto:info@fuchangchem.com)

Tel: 0086-411-83607405

Website: [www.fuchangchem.com](http://www.fuchangchem.com)