

### Hydrophobic Fumed Silica

Fusil<sup>®</sup> 630 is hydrophobic fumed silica after treated with HMDS (hexamethyldisilazane) based on a hydrophilic fumed silica with a specific surface area of 300 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	230±25	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
<sup>T</sup> Bulk Densit (g/l)	40-60	GB/T 5211.4
Carbon content (based on material dried for 2h@ 105°C) %	2.5-4.0	GB/T 20020

#### Applications

- Elastomer, HTV silicone rubber & LSR
- Sealants and Silicone Adhesive
- Coatings, inks system
- Carbon Powder for Printer

#### 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

- In HTV and liquid silicone rubber, provides good reinforcement and transparency.
- Hydrophobic surface chemistry and stable thixotropy, anti-settling, anti-sagging
- High hydrophobic and stable thixotropy, using in coatings and inks can prevent from anti-caking, anti-sagging, anti-thixotropy.
- High surface area, small particle size and good decentrality, performance high anti-foam property.
- 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 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.

#### 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)