

## Fusil® 135

## Hydrophobic Fumed Silica

Fusil® 135 is a structure modified hydrophobic fumed silica.

## Characteristic physico-chemical data

Test Item	Standard	Text Method
Specific Surface Area BET m <sup>2</sup> /g	110±15	GB/T 10722
Carbon content (based on material dried for 2h@ 105°C) (%)	4.5-6.5	GB/T 20020
Moisture 2h@ 105°C (%)	≤1.5	GB/T 5211.3
pH Value in 4% dispersion	5.5-7.5	GB/T 1717
Loss on Ignition 2h@ 1000°C (%)	≤10	GB/T 20020
SiO <sub>2</sub> Content (based on ignited material)(%)	≥99.8	GB/T 20020

## Applications

- Silicon rubber
- Coating and ink
- Adhesives and Sealants
- Greases and cable gel
- Vinyl Ester Resins
- Powders

## 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

- Low thickening effect and excellent processability enable high loading in polymers
- Good antisag properties and excellent stability in epoxies
- Excellent reinforcing properties in silicone rubber applications especially at high filler loading levels and no crepe hardening on aging in silicone rubber
- Well suited for transparent systems
- High water resistance and free-flow aid for powders

## Safety &amp; 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: 4.0 Mt, 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)