

## Fusil® SDT135

### Precipitated Silica

Fusil® SDT135 is precipitated silica for rubber grade, the appearance is white micro-pearl .

#### Characteristic physico-chemical data

Item	Units	Specification
BET	m <sup>2</sup> /g	155~180
SiO <sub>2</sub> (dry basis)	%	≥93
Heating Loss 105°C 2h	%	4.0~8.0
Ignition Loss (dry basis) 1000°C 2h	%	≤7.0
Soluble Salts (in form of Na <sub>2</sub> SO <sub>4</sub> )	%	≤1.5
PH(5% Solution)		6.0~7.5
DBP	cm <sup>3</sup> /g	2.0-3.0
Sieve Residue on 45μm	%	≤0.5
Copper	mg/kg	≤30
Mn	mg/kg	≤50
Fe	mg/kg	≤500

#### Applications

- Rubber products

#### Packing and storage

- Packaged in multiple layer Kraft paper, 20kg per bag
- Stored in aeration-drying storage areas for protecting the material from volatile substance.
- Should be used within 2 years after production.

#### Properties

- It is used as reinforcing agent for a variety of rubber products, e.g. rubber roller, tire, rubber tube, rubber belt, sealing element, rubber sole etc. It gives rubber products higher tear resistance, tensile resistance and 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](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: 7.5 Mt, without pallets
- 40'HQ: 18 Mt, without pallets

#### Service

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

Tel: 0086-411-83607405

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