

# XYSIL 200

**XYSIL200 Fumed Silica** is a synthetic amorphous, nanoscale silicon dioxide with BET surface area of 200m<sup>2</sup>/g. With its unique features of particle size, high purity, aggregated structure and low bulk density, it is widely used in fine chemicals such as Silicone Sealant and Rubber, Paints and Unsaturated polyester etc.



## Physico-chemical Data

Properties	Units	Typical Value	Standardization
Specific surface area (BET)	m <sup>2</sup> /g	200±25	GB/T10722
pH-value (in 4% dispersion)		3.8-4.5	GB/T1717
Loss on drying, ex works( 2h @ 105℃)	wt%	<1.5	GB/T5211.3
Loss on ignition(2h @ 1000,based on material dried for 2h @ 105℃)	wt%	<2.5	GB/T20020
Sieve residue (45μm)	%	<0.05	GB/T5211.14
SiO <sub>2</sub> content (based on the substance heated at 1000℃ for 2 h)	wt%	>99.8	GB/T20020
Tamped density (based on material dried for 2h @ 105℃)	g/L	25~60	GB/T5211.4
Carbon content (based on material dried for 2h @ 105℃)	wt%	<0.2	GB/T20020

At time of packaging.

### Henan Xunyu Chemical Co., Ltd

Add: No.18, Shangwu Waihuan Road, Zhengdong New Dis, Zhengzhou City, Henan Province, P.R. China

Tel: +86 371 69176282

Fax: +86 371 69176283

Email: [info@xunyuchem.com](mailto:info@xunyuchem.com); [technique@xunyuchem.com](mailto:technique@xunyuchem.com)

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

# XYSIL 200

## Application:

- RTV Silicone Sealant
- HTV Silicone Rubber
- Paints and Coatings, Ink
- Unsaturated polyester resins
- Adhesive & Sealant
- Thermal insulation material
- Composites& PVC
- Solar diaphragm cell

## Functions:

- Rheology and thixotropy Control
- Used as anti-settling, thickening, anti-sagging agent
- Free Flow and Suspension
- Reinforcement
- Adsorbant
- High transparency

## Packing and Transport:

XYSIL 200 is packaged in multiple layer kraft paper 10kg bags on pallet, and should be stored in the original packaging in dry storage areas for protecting the material from volatile substance.

- Sea Transportation  
20'GP: 1.8 Mt, 10 pallets, 180KG/pallet.  
40'GP: 3.6 Mt, 20 pallets, 180KG/pallet.  
40'HQ: 4.0 Mt, 20 pallets, 200KG/pallet.
- Road Transportation: by requirement

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Email: [info@xunyuchem.com](mailto:info@xunyuchem.com); [technique@xunyuchem.com](mailto:technique@xunyuchem.com)

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