

XYSIL® 200

Hydrophilic Fumed Silica

TECHNIQUE DATA SHEET

XYSIL® 200 is a hydrophilic Fumed Silica with a specific surface area of 200m²/g, and it is synthetic, hydrophilic, amorphous silica, produced via flame hydrolysis.

Physico-chemical Data

| Properties | Units | Typical Value | Standardization |
|---|-------------------|---------------|-----------------|
| Specific surface area (BET) | m ² /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 ₂ 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.

Applications and Properties

Application:

- ✧ RTV Silicone Sealant, HTV Silicone Rubber
- ✧ Paints and Coatings, Ink, Pigment
- ✧ Unsaturated polyester resins
- ✧ Adhesive & Sealant
- ✧ Thermal insulation material, Vacuum Insulation Panel
- ✧ Composites& PVC, Storage Battery

Functions:

- ✧ Rheology and thixotropy Control of liquids, binders, polymers, etc.
- ✧ Used as anti-settling, thickening, anti-sagging agent
- ✧ Free Flow and Suspension for Powder
- ✧ Reinforcement in Silicone Rubber

Packing and Storage

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.

Transportation:

Sea Transportation

20'GP: 1800KG, 10 pallets, 180KG/pallet.

40'GP: 3600KG, 20 pallets, 180KG/pallet.

40'HQ: 4000KG, 20 pallets, 200KG/pallet.

Road Transportation: by requirement

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