

**XYSIL® 150****Hydrophilic Fumed Silica****TECHNIQUE DATA SHEET**

**XYSIL® 150** is a hydrophilic Fumed Silica with a specific surface area of 150m<sup>2</sup>/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 <sup>2</sup> /g | 150±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       |
| Tapped 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

Functions:

- ✧ Provide the good Reinforcement and thixotropy for RTV Silicone Sealant
- ✧ Improve the reinforcement for HTV Silicone Rubber

**Packing and Storage**

XYSIL® 150 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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