

XYSIL® R170H**Hydrophobic Fumed Silica****TECHNIQUE DATA SHEET**

XYSIL® R170H is a Fumed Silica aftertreated with DDS(Dimethyldichlorosilane) based on a hydrophilic fumed silica with a specific surface area of 200m²/g.

Physico-chemical Data

| Properties | Units | Typical Value | Standardization |
|--|-------------------------------|---------------|-----------------|
| Specific Surface Area(BET) | m ² /g | 170±20 | GB/T10722 |
| pH Value (in 4% dispersion) | | 3.7-4.5 | GB/T10722 |
| Loss on Drying, Ex Works (2h @ 105℃) | wt% | <0.7 | GB/T1717 |
| Loss on ignition(2h @ 1000,based on material dried for 2h @ 105℃) | wt% | <2.5 | GB/T5211.3 |
| Tamped density (based on material dried for 2h @ 105℃) | g/L | 40~60 | GB/T5211.14 |
| SiO ₂ content(based on the substance heated at 1000℃ for 2 h) | wt% | >99.8 | GB/T20020 |
| Carbon content(based on material dried for 2h @ 105℃) | wt% | 0.7-1.5 | GB/T5211.4 |
| Surface modification | Dimethyldichlorosilane | | |

At time of packaging.

Applications and Properties

Application:

- ✧ Paint&Coating,
- ✧ RTV Silicone Sealant, Silicone Rubber,
- ✧ Adhesive

Functions:

- ✧ As a thickening, thixotropic agent and anti-settling agent in coating, paint, adhesive, sealant and silicone ect.

Packing and Storage

XYSIL® R170H 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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