

XYSIL® R210**Hydrophobic Fumed Silica****TECHNIQUE DATA SHEET**

XYSIL® R210 is a structure modified hydrophobic Fumed Silica based on a hydrophilic fumed silica with a specific surface area of 230m²/g.

Physico-chemical Data

| Properties | Units | Typical Value | Standardization |
|--|-------------------|---------------|-----------------|
| Specific Surface Area(BET) | m ² /g | 210±20 | GB/T10722 |
| pH Value (in 4% dispersion) | | 7.0-8.5 | GB/T10722 |
| Loss on Drying, Ex Works (2h @ 105℃) | wt% | <0.5 | GB/T1717 |
| Loss on ignition(2h @ 1000, based on material dried for 2h @ 105℃) | wt% | <8.0 | 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% | 3.5-6.5 | GB/T5211.4 |

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® R210 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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