

## XYSIL® R120B

### Hydrophobic Fumed Silica

### TECHNIQUE DATA SHEET

**XYSIL® R120B** is a Fumed Silica surface-treated with DDS(Dimethyldichlorosilane) based on a hydrophilic fumed silica with a specific surface area of 200m<sup>2</sup>/g.

#### Physico-chemical Data

Properties	Units	Guarantee value	Standardization
Specific Surface Area(BET)	m <sup>2</sup> /g	120±20	GB/T10722
pH Value (in 4% dispersion)		3.7-5.5	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%	<2.0	GB/T5211.3
Tamped density (based on material dried for 2h @ 105℃)	g/L	40~60	GB/T5211.14
SiO <sub>2</sub> 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%	0.6-1.2	GB/T5211.4
Surface modification	Dimethyldichlorosilane		

At time of packaging.

#### Applications and Properties

Application:

- Paint,Coating,Ink,Pigment;
- RTV Silicone Sealant, Silicone Rubber;
- Cable Compounds and Gels;
- Adhesive;

Functions:

- Thickening, Thixotropic, Reinforcement, Rheology control, anti-settling in Ink, coating, paint, adhesive, sealant and silicone rubber ect.
- Improvement and maintenance of free flow and anticaking characteristics of powders.

#### Packing and Storage

XYSIL® R120B is packaged in multiple layer kraft paper 10kg bags or 180Kg FIBCs 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.

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**Certificated by ISO9001 – ISO14001 – ISO45001 – SGS- REACH – KDKIK – K-REACH**