

## Fumed silica

NO.	Testing Items	Reference range	Test Data	
1	Specific Surface Area (m <sup>2</sup> /g)	XYSIL 200   200±20	212	
2	pH Value	3.9~4.5	4.11	
3	Loss on Drying @ 105°C(%)	≤2.0	0.41	
4	Loss on Ignition @ 1000°C(%)	≤2.0	0.41	
5	45um Sieve Residue(mg/kg)	≤250	32	
6	Tamped Density (g/l)	40~60	51	
7	SiO <sub>2</sub> Content (%)	≥99.8	99.86	
8	Carbon Content (%)	≤0.20	0.02	
9	Chloride Content (mg/kg)	≤250	44	
10	Oxide Content (mg/kg)	Al <sub>2</sub> O <sub>3</sub>	≤300	12
		TiO <sub>2</sub>	≤200	10
		Fe <sub>2</sub> O <sub>3</sub>	≤30	3
11	Conclusion	Qualified		