



## Luoyang Qihang Chemical Industrial Co.,Ltd

**Product name: Sodium Silicate (Solids, Powder and Liquid)**

### [Highlights]:

**Luoyang Qihang Chemical industrial** is the leading manufacturer of Sodium Silicate in China with over 20 years and has the ISO9001:2008 certificate, output of Sodium Silicate could up to **100,000 tons per year**. We produce sodium silicate in all three physical types, Lumps, Liquid (also known as Water glass) and Powder. All Sodium Silicate are manufactured using top grade raw materials and have superior properties, both physical and chemical. We are the market leader in China and our brand is recognized globally for its high quality and the best factory price. In addition, the product not only very popular in local China market but also in Asia, Middle East, Africa and South America.

### [Applications]:

Flowing industries who are using our high quality Sodium Silicate:

- Soil Grouting
- Silica & Allied Chemicals
- Catalysts
- Soaps and Detergents manufacturing
- Textile Processing
- Paper & Pulp
- Foundries
- Adhesives in Paper & Board industries
- Pigment manufacture
- Fireproofing
- Cement
- Building
- Binder
- Beneficiation
- Drilling

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## [Specifications]: Sodium Silicate Powder



Product Name	Sodium Silicate Powder	
Item	Unit	Standard
colour		white
Na <sub>2</sub> O	%	19-22
SiO <sub>2</sub>	%	55-64
Modulus		2.0-3.0
Bulk Density	g/ml	0.50-0.80
Fineness(150μm sieve)	%	≥ 95

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## [Specifications]: Sodium Silicate Solids



Product Name	Sodium Silicate Solids			
Item	Type 1	Type 2	Type 3	Type 4
Modulus	3.10-3.20	3.20-3.35	3.30-3.50	3.50-3.70
(Na <sub>2</sub> O+SiO <sub>2</sub> )%≥	98.5	98.5	99	98.5
Fe <sub>2</sub> O <sub>3</sub> %≤	0.03	0.03	0.025	0.03

## [Specifications]: Sodium Silicate Liquid



Product Name	Sodium Silicate Liquid				
Item	Type 1	Type 2	Type 3	Type 4	Type 5
Modulus	2.20-2.50	2.30-2.50	3.20-3.40	3.20-3.40	3.20-3.40
(20°C)Be	50.0-51.0	50.0-51.0	39.2-40.2	39.0-40.0	39.0-40.0
Na <sub>2</sub> O%≥	≥12.80	≥12.80	≥12.80	≥12.80	≥12.80
SiO <sub>2</sub> %≥	≥29.40	≥29.40	≥12.80	≥12.80	≥12.80
water-insoluble	0.2	0.8	/	0.2	0.8