

Shreenath Marketing developed own technology to produce Sodium Silicate Granules first we dissolving Sodium Silicate Lumps with water at 120°C Temperature and 2 kg/cm<sup>2</sup> pressure or by hydrothermal process which is produced by reacting caustic lye and fine crystalline silica in autoclaves under intense pressure. After that Spray drying of Neutral Sodium Silicate And Alkaline Sodium Silicate, then with help of granulator we making 2 to 5 MM granules.

We produce many type of sodium Silicate Granules grades as per customer requirement, we serve in Indian market. Mainly we produce 2 to 5 MM size Granules.

CAS NO.: 1344-09-8, EINECS NO.: 215-687-4

### Neutral and Alkaline Sodium Silicate Granules Physical & Chemical Properties :

Chemical Formulae	Na <sub>2</sub> O x SiO <sub>2</sub>
Appearance	Granules (Size: 2 to 5 MM)
Colour	White milky color
Partial Shape	75 % round shape
Soluble	Water 99% (+/- 2%)
Molecular Weight	175 – 275

PARTICAL SIZE (MM)	NA <sub>2</sub> O (%)	SIO <sub>2</sub> (%)	TOTAL SOLIDS (%)	RATIO (Na <sub>2</sub> O: Sio <sub>2</sub> )
2 to 5	32.00 to 33.00%	68.00 to 67.00%	> 95%	1:2.10 (+/0.1)
2 to 5	30.00 to 31.00%	70.00 to 69.00%	> 95%	1:2.3 (+/-0.1)
2 to 5	23.00 to 24.00%	77.00 to 76.00%	> 96%	1:3.3 (+/-0.1)
2 to 5	22.00 to 23.00%	78.00 to 77.00%	> 96%	1:3.5 (+/-0.1)



# SHREENATH MARKETING

(Mfg. Sodium Silicate Product)

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