Technical Data Sheet

Item Name:

SSS

PRODUCT INFORMATION

Chinese Name:	水玻璃
Commodity Name:	Sodium Silicate Solid
Chemical Name:	Sodium Silicate Solid
Other Name:	Silicate Lumps, Water Glass
CAS No.:	1344-09-8, 106985-35-7
Molecular Weight:	n/a
Molecular Formula:	$Na_2O.mSiO_2$

PRODUCT DESCRIPTION

Clear lumps with light blue color. Mutually dissolvable with water.

TECHNICAL SPECIFICATION

Index	Low Modulus	High Modulus
Modulus	2.0 - 2.3	3.0 - 3.4
Na_2O content by wt %	31 - 33	22 - 24
SiO_2 content by wt%	67 - 69	74 - 76
Na_2O + SiO_2 content by wt %	98 min	98.5 min
Fe_2O_3 content by wt %	0.05 max	0.12 max
Al_2O_3 content by wt%	0.5 max	0.10 max
Water insoluble by wt%	0.3 max	0.3 max
Appearance by visual	Clear lumps with light blue color	

MAIN APPLICATION

Detergent industry.
Construction industry.

PACKING, LOADING AND SHELF LIFE

Packing: 1000kg PP Bag with PE Liner
Loading: 27mt per 20'HQ for 1000kg bags
Shelf Life: 36 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.