

Technical Data Sheet

Sodium Silicate Powder				
Product	Sodium Silicate Powder			
Grade	Detergent			
Product Code	AP-100D			
Technical Data Sheet (Properties)				
Chemical Properties				
Sr. No	Characteristic	Unit	Specification	Test Method
1	Weight. Ratio (SiO ₂ :Na ₂ O)	-	2.1-2.2	IS-14212:1995
2	Molar. Ratio (SiO ₂ :Na ₂ O)	-	2.15-2.27	IS-14212:1995
3	Na ₂ O Content	%	27-30	IS-14212:1995
4	SiO ₂ Content	%	55-58	IS-14212:1995
Physical Properties				
5	Appearance	-	White free flowing Powder	Visually
6	Moisture	%	5 Max	-
7	Bulk Density	gm/liter	100-300	Untapped
8	Solubility (1% Solution 80 °C hot water)	-	Clear Solution	-

Packing loading & shelf life.

Packing	25KG PP bag with PE liner, 25KG/50KG PP bag with PE liner packed in super sack 300 KG
Loading – W/o Pallet	25KG – 10mt/20HQ;21mt/40HQ 300 KG Super Sack – 6MT/20FCL; 12MT/40FCL
Loading – On Pallet	25KG – 6mt/20FCL; 12MT/40FCL
Shelf Life	12 Month under proper storage condition*

**** Proper Storage condition: Keep container tightly closed, keep in cool, dry and ventilated place, and avoid strong acid.***

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Ankit Silicate
Survey No-259, P-3 B/H Nilkanth Ceramic
Jetpar Road, At- Bela, Morbi - 363642,
Gujarat (India).
E-Mail: sales@ankitsilicate.com
Website: www.ankitsilicate.com