

## Technical Data Sheet

| Sodium Silicate Powder             |                                                     |          |                           |               |
|------------------------------------|-----------------------------------------------------|----------|---------------------------|---------------|
| Product                            | Sodium Silicate Powder                              |          |                           |               |
| Grade                              | Alkaline                                            |          |                           |               |
| Product Code                       | AP-200A                                             |          |                           |               |
| Technical Data Sheet ( Properties) |                                                     |          |                           |               |
| Chemical Properties                |                                                     |          |                           |               |
| Sr. No                             | Characteristic                                      | Unit     | Specification             | Test Method   |
| 1                                  | Weight. Ratio (SiO <sub>2</sub> :Na <sub>2</sub> O) | -        | 1.95-2.10                 | IS-14212:1995 |
| 2                                  | Molar. Ratio (SiO <sub>2</sub> :Na <sub>2</sub> O)  | -        | 2.05 -2.15                | IS-14212:1995 |
| 3                                  | Na <sub>2</sub> O Content                           | %        | 25-29                     | IS-14212:1995 |
| 4                                  | SiO <sub>2</sub> Content                            | %        | 54-58                     | IS-14212:1995 |
| Physical Properties                |                                                     |          |                           |               |
| 5                                  | Appearance                                          | -        | White free flowing Powder | Visually      |
| 6                                  | Moisture                                            | %        | 5 Max                     | -             |
| 7                                  | Bulk Density                                        | gm/liter | 100-300                   | Untapped      |

### Packing loading & shelf life.

|                      |                                                                                          |
|----------------------|------------------------------------------------------------------------------------------|
| Packing              | 25KG PP bag with PE liner,<br>25KG/50KG PP bag with PE liner packed in super sack 300 KG |
| Loading – W/o Pallet | 25KG – 10mt/20HQ;21mt/40HQ<br>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.**

|                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FIRM: GUJ-RJT- 82504<br>GSTIN: 24AARFP2558H1ZX<br>UAN: GJ32B0000361<br>CST / TIN: 24592010892<br>ISO 9001: 2015: TQS QMS/20180422320<br>CE MARKING: CE / 20180422321<br>IEC: AARFP2558H | Ankit Silicate<br>Survey No-259, P-3 B/H Nilkanth Ceramic<br>Jetpar Road, At- Bela, Morbi - 363642,<br>Gujarat (India).<br>E-Mail: <a href="mailto:sales@ankitsilicate.com">sales@ankitsilicate.com</a><br>Website: <a href="http://www.ankitsilicate.com">www.ankitsilicate.com</a> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|