



## Technical Data Sheet

**Product Name:** Silica Sand

**Grain Size:** < 0.5 mm

### Physical Analysis (Sieve Size)

| Sieve Size (mm) | % Retained |
|-----------------|------------|
| 0.600           | 0          |
| 0.500           | 4.1        |
| 0.425           | 19.9       |
| 0.355           | 25.0       |
| 0.300           | 18.75      |
| 0.250           | 14.05      |
| 0.180           | 12.4       |
| 0.125           | 4.2        |
| 0.075           | 1.5        |
| PAN             | 0.1        |

### Chemical Specifications

| Element                        | % Concentration |
|--------------------------------|-----------------|
| SiO <sub>2</sub>               | > 99.4          |
| Fe <sub>2</sub> O <sub>3</sub> | < 0.1           |
| TiO <sub>2</sub>               | ≤ 0.1           |
| Al <sub>2</sub> O <sub>3</sub> | < 0.5           |
| Cr <sub>2</sub> O <sub>3</sub> | 0               |
| Moisture                       | ≤ 0.3           |
| LOI                            | < 0.2           |



### General Specifications

| Property            | Value                  |
|---------------------|------------------------|
| Form                | Solid                  |
| Density             | 2.65 g/cm <sup>3</sup> |
| Bulk Density        | 1.6 g/cm <sup>3</sup>  |
| pH Value            | 7.0 – 8.0              |
| Boiling Point       | 2230 °C                |
| Melting Point       | 1620 °C                |
| Water Solubility    | Insoluble              |
| Available Packaging | 2000 kgs               |