



# CHIRAG INTERNATIONAL

Minerals & Industrial Raw Materials  
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## TECHNICAL DATA SHEET

Sodium Feldspar Powder

### PRODUCT INFORMATION

|                     |                            |
|---------------------|----------------------------|
| <b>Product Name</b> | Sodium Feldspar Powder     |
| <b>Product Code</b> | SF-01                      |
| <b>Grade</b>        | Industrial / Ceramic Grade |
| <b>Origin</b>       | India (Rajasthan)          |
| <b>CAS Number</b>   | 68476-25-5                 |

### AVAILABLE MESH SIZES

|                     |                                       |
|---------------------|---------------------------------------|
| <b>BSS 150 Mesh</b> | 105 Microns                           |
| <b>BSS 200 Mesh</b> | 74 Microns                            |
| <b>BSS 250 Mesh</b> | 60 Microns                            |
| <b>BSS 325 Mesh</b> | 44 Microns                            |
| <b>Custom Sizes</b> | Available as per customer requirement |

### CHEMICAL & PHYSICAL ANALYSIS

| CHEMICAL ANALYSIS |                                      |                 | PHYSICAL PROPERTIES |                 |
|-------------------|--------------------------------------|-----------------|---------------------|-----------------|
| Compound          | Formula                              | Result          | Property            | Result          |
| Loss on Ignition  | LOI                                  | 0.25% (±0.10%)  | Firing Whiteness    | 65%+            |
| Silica            | SiO <sub>2</sub>                     | 69.00% (±1%)    | L-Value             | 80%+            |
| Iron Oxide        | Fe <sub>2</sub> O <sub>3</sub>       | 0.07% (±0.01%)  | a-Value             | —               |
| Alumina           | Al <sub>2</sub> O <sub>3</sub>       | 18.00% (±1.00%) | b-Value             | —               |
| Potash            | K <sub>2</sub> O                     | 0.50% (±0.25%)  | Firing Colour       | White           |
| Soda              | Na <sub>2</sub> O                    | 10.00% (±0.25%) | Shrinkage           | —               |
| Calcium Oxide     | CaO                                  | 0.10% <         | Fired Temperature   | 1220°C × 20 min |
| Titanium Dioxide  | TiO <sub>2</sub>                     | 0.10% <         | Powder Colour       | —               |
| Moisture          | H <sub>2</sub> O                     | —               | —                   | —               |
| Magnesium Oxide   | MgO                                  | 0.10% <         | —                   | —               |
| Total Alkalies    | K <sub>2</sub> O + Na <sub>2</sub> O | —               | —                   | —               |