

*BENTONITE PRODUCTS*



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## **BENTONITE**

### **BENTONITE PRODUCT TYPES**

- *Raw Calcium and Sodium Bentonite*
- *Ceramic quality white bentonite*
- *Drilling bentonite*
- *Civil Engineering bentonite*
- *Casting bentonite*

## PACKAGING

- ⇒ Bulk
- ⇒ Bigbag
- ⇒ Kraft or PP bags



## PRODUCTS

### CALCIUM BENTONITE

| CHEMICAL PROPERTIES            |   |     | PHYSICAL PROPERTIES |   |                 |
|--------------------------------|---|-----|---------------------|---|-----------------|
| SiO <sub>2</sub>               | % | 75  | Montmorillonite     | % | 80-85           |
| Al <sub>2</sub> O <sub>3</sub> | % | 13  | Grit content        | % | Max 11          |
| Fe <sub>2</sub> O <sub>3</sub> | % | <1  | Moisture            | % | Acc. Prod. type |
| CaO                            | % | 1,3 | Swelling            | % | 10-12           |
| Na <sub>2</sub> O              | % | 0,8 | Raw whiteness       | % | 90-92           |
| K <sub>2</sub> O               | % | 1,5 | L                   | % | Min 89          |
| L.O.I                          | % | 6   | Water of plasticity | % | 65-75           |

### SODIUM BENTONITE

| CHEMICAL PROPERTIES            |   |     | PHYSICAL PROPERTIES |       |                 |
|--------------------------------|---|-----|---------------------|-------|-----------------|
| SiO <sub>2</sub>               | % | 62  | 600 RPM reading     | Min.  | 30              |
| Al <sub>2</sub> O <sub>3</sub> | % | 18  | Filtration volume   | cc    | Max 12,5        |
| Fe <sub>2</sub> O <sub>3</sub> | % | <3  | Moisture            | %     | Acc. Prod. type |
| CaO                            | % | 4,5 | Viscosity ratio     | Yp/Pv | Max 1,5         |
| Na <sub>2</sub> O              | % | 2,7 | Montmorillonite     | %     | 90              |
| K <sub>2</sub> O               | % | 1,2 | Yield               | bbl   | Min 90          |
| MgO                            | % | 2   |                     |       |                 |

Our mission is to provide products from different mine groups and producers in accordance with customer demands and requirements, to provide solutions in line with their needs.

We can offer our products with different product sizes.

- ⇒ Raw bentonite
- ⇒ Grinded bentonite





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