

## CAL-BEN™

### Calcium Bentonite

Selectively mined calcium bentonite, specially blended and processed for general industrial use.

#### Incorporation:

- Can be base exchanged to fit a particular application
- Can be chemically treated to alter its properties

#### Applications:

- Use as a viscosifier and filtrate reducer in drilling mud systems
- Filler in coatings
- Caulking
- Grouting
- Sealant formulations
- Paint
- Pesticides
- Pharmaceuticals
- Foundry uses

CAL-BEN™

#### TYPICAL PHYSICAL PROPERTIES

PH	7-9
Moisture as Produced	10-12%
Color	Tan to Yellowish
Form	Fine Powder
Wet Particle Size 200 Mesh	4.0
Wet Particle Size 325 Mesh	6-9
Bulk Density lbs/ft <sup>3</sup> loose	40-44
packed	65-70
CEC mg/100ml	60
Swelling Index: ml/2gm	12

#### TYPICAL CHEMICAL ANALYSIS

SiO <sub>2</sub>	55.1%
Al <sub>2</sub> O <sub>3</sub>	23.3%
CaO	4.7%
MgO	2.9%
Fe <sub>2</sub> O <sub>3</sub>	1.6%
Na <sub>2</sub> O	1.9%
L.O.I. (1000°C)	9.5%