

CHARLES B. CRYSTAL CO., INC

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INDUSTRIAL MINERALS SINCE 1897

BENTONITE 34

A finely powdered, odorless and tasteless hydrous Silicate of Alumina, insoluble in water, swelling to more than fifteen times its volume when water is added and absorbing more than eight times its weight in water

USES: Suspending and colloidal agent in the manufacture of soap, in overall laundries, polishes, paints, adhesives and cosmetics, widely used as a filtering agent, well drilling, environmental remediation, ponds, and many other applications.

ANALYSIS:

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|----------------------|--|
| Silica | 60% |
| Alumina | 20% |
| Iron Oxide | 5% |
| Calcium Oxide | .05% |
| Magnesia | 3% |
| Potash & Soda Oxides | 3% |
| Molecular Water | 5.5% |
| Minor | 3% |
| Moisture Content | 4-9% as shipped |
| Mesh Dry Grind | 80% thru 200 mesh 40% thru 325 mesh |
| Wet Particle Size | 97% thru 200 mesh 95% thru 325 mesh |

Swelling: 2 grams swell to 20 ccs minimum in water when sprinkled into a graduate of water, a bit at a time.

Viscosity: One part Bentonite to 15 parts distilled water mixed to ultimate hydration creates a viscous get of 12 C.P.S. minimum.

PACKING: 50 lb paper bag.

ORIGIN: USA