

Technical Data Sheet**SODIUM BENTONITE**

CAS Number: 1302-78-9

Product Description

- Natural high purity sodium bentonite from Wyoming
- Wide range of particle size and shape
- Very high absorbing capacity and low permeability
- Untreated or modified with engineered polymers

Applications

- **Agriculture:** Thickening suspension agent and stability agent in pesticides and fertilizers
- **Pelletizing Aid:** Binding agent to aid in animal feed and iron ore pelletizing
- **Environmental and Civil Engineering:** Geosynthetic liner and sealant for many applications
- **Cosmetics and Coatings:** Stabilizer, thixotrope, and suspension agent
- **Liquid Clarification:** Absorbs and coagulates undesirable substances in waste water, wine, and juice
- **Cat Litter:** High clumping and absorbing capacity

Typical Properties

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|---------------------------------------|--|
| Mesh Sizes | 8, 10, 12, 16, 30, 40, 80, 125, 200, 325, 2500 |
| Particle Shapes | Powder, Chips, Micronized |
| Moisture, percent | 12 Max |
| Swell Index, Untreated (ml/2g) | 25.0 Min |
| Swell Index, Treated (ml/2g) | 40 - 60 |
| Specific Gravity | 2.7 |

Packaging

- 50 LB Bags, 1 MT Super Sacks, Bulk Rail Car