

# TEAGUE MINERAL PRODUCTS



## TMP Industrial 200 Bentonite

**TMP Industrial 200 Bentonite** is a high swelling sodium bentonite suitable for a wide variety of industrial uses, including *soil sealant, flocculant, grouting, slurry trenching, horizontal drilling, pelletizing, water well drilling, and cementation of drill holes.*

This bentonite comes from an extremely pure deposit in eastern Oregon and contains a very high Montmorillonite content, the active clay mineral.

**TMP Industrial 200** is not treated with polymers.

### MIXING INSTRUCTIONS

#### FOR GROUT

TMP INDUSTRIAL 200 BENTONITE

Per One 50 lb. Bag

Solids Content	Gallons of Water
15%	34 gallons
20%	24 gallons
25%	18 gallons

These specifications and recommendations provide general guidelines only. They are not intended as a substitute for detailed engineering and specifications, which should be project specific.

**TMP INDUSTRIAL 200**  
**Sodium Bentonite**



Certified to  
NSF/ANSI 60

### Specification and Typical Properties

- **Swell Index:**  
2 gram sample (powder) in 100 ml water, aged 24 hours, minimum, 16 ml
- **Colloid Content:**  
2% suspension, aged 24 hours, 85% - 95%
- **No Polymer Additives**
- **API Grit: Less than:**  
plus 200 mesh wet sieve analysis, > 1%
- **API Yield:**  
85 to 90 barrels/ton
- **Size:**  
50% passing 200 mesh
- **Cation Exchange Capacity:**  
80 to 90 mill equivalents per 100 grams
- **Mineralogy by X-ray Diffraction:**  
XRD Smectite (montmorillonite): 85% - 95%  
Quartz, Feldspar, Calcite, Gypsum >1% each.
- **Moisture Content:**  
14%-16% TMP Bentonite is in its natural dry state at this moisture. Due to a smaller flake size, and a higher montmorillonite (clay) content, TMP bentonite has more retained water in its internal molecular structure than similar Wyoming types, while the bulk density is the same.
- **Approximate Weight:**  
1,782—1,800 lbs. per cubic yard.
- **Certified:**  
NSF Certified to NSF/ANSI 60

Teague Mineral Products, 1925 Hwy 201 S, Adrian, OR 97901

Phone: 541-339-3940 Fax: 541-339-4385 e-mail: info@teaguemineralproducts.com

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