

HYDROGEL

Bentonite

PREMIUM GRADE WYOMING BENTONITE

For use in drilling operations where premium grade Wyoming Bentonite is desired. **Hydrogel** is a preferred product for use in oil and gas exploration drilling where API 13A Section 9 material is required. It is also used in slurry trenching, caisson boring, and cast-in-place concrete foundations. **Hydrogel** is NSF Certified to NSF/ANSI 60.

FEATURES & BENEFITS

- Manufactured to exceed API 13A, Section 9 specifications.
- 200 mesh viscosity builder.
- Yields excellent fluid loss characteristics.
- Assists in stabilizing the bore hole or trench walls.

Product Specifications	API Specifications 13-A, Sec 9-2004	Typical Hydrogel
Barrel Yield	--	96 ± 5
Viscometer Reading at 600 rpm	30 min.	36 ± 6
Water Loss	15.0 cc Max.	13.5 ± 1
% through 200 Mesh Screen	--	80 ± 4
Wet Screen Analysis Residue on U.S. Sieve No. 200	4.0 % Max.	3.0 ± .5
% Moisture	--	8 ± 2
pH	--	9.0 ± 1.0
Gel Strength-10 sec	--	4 ± 1
Gel Strength- 10 min	--	12 ± 3
Plastic Viscosity	--	12 ± 2
Yield Point, lb/100 sq. ft.	3 x P.V. Max.	16 ± 2

MIXING & HANDLING

Mix 20 to 50 pounds per 100 gallons of make-up water. This product is designed to be flushed out of the well bore prior to using the well for drinking water. Before placing a well in service for drinking water it is to be properly flushed and drained until the turbidity of the water is ↓1 NTU above ambient turbidity.

WHMIS: Controlled (see SDS)

TDG: Not regulated

Packaging: 50 & 100 lb bags

