

PREMIUM GEL[®]

API BENTONITE

DESCRIPTION

PREMIUM GEL is a 200 mesh, 90 bbl yield sodium bentonite for freshwater drilling. Complies with API 13A Section 9 from the 16th edition of the Specifications for Drilling Fluid Materials, February 2004.

RECOMMENDED USE

May be used for all types of freshwater mud rotary drilling where higher solids are desired.

CHARACTERISTICS

- Cools and lubricates bit
- Mixes quickly and easily
- Reduces fluid loss into the formation
- Removes cuttings
- Stabilizes borehole

MIXING AND APPLICATIONS

Mixing ratios are based on the use of freshwater; water purity will affect bentonite performance. For best results, acidic and hard make-up water should be pretreated with soda ash to a pH of 8.5-9.5. Add PREMIUM GEL slowly through jet/hopper mixer.

PREMIUM GEL mixing ratio in pounds per 100 gallons of water:

Normal Conditions	30 to 50 lbs
Sand and Gravel	50 to 70 lbs
Fluid Loss Control	70 to 80 lbs

BULK DENSITY

54 lbs/ft³

PACKAGING

50 lb bag, 48 bags per pallet or 100 lb bag, 28 per pallet. All pallets are plastic-wrapped.