



Technical Data Sheet

Gel

Product Description

Gel is a premium grade bentonite (sodium montmorillonite clay). **Gel** is used for filter cake building, fluid loss control, and viscosity of fresh water-based muds.

Applications: increase viscosity and fluid loss control.

Treatments: Typical treatments range from 5 - 35 lb/bbl.

Water salinity decreases the yield of **Gel**. When chlorides are more than 10,000 mg/L, **Gel** should be pre-hydrated prior to adding.

Pilot testing is suggested to determine the actual treatment required to obtain the desired properties.

KEY BENEFITS

- Increasing viscosity of fresh water-based muds
- Fluid loss control
- Filter cake quality

Key Properties

pH	5.0 - 6.6
Color	Light tan to gray-green
Physical Form	Powder
Sg	2.6
Packaging	100 lb Sacks