



PRIME-GEL

Premium Sodium Bentonite / Viscosifier / Filtrate Reducer

Description

PRIME-GEL is an API licensed, 200 mesh, superior-grade, sodium bentonite which complies with the current edition of API Specification 13A, section 9 requirements. PRIME-GEL functions as a viscosifier, suspending agent and filtrate reducer in freshwater drilling systems.

Application

- Seepage Cut-Off Walls
- Reservoirs
- Landfills
- Hazardous Material Containment
- Oil Well Drilling
- Mineral Exploration Drilling
- Water Well Drilling
- Seismic Drilling
- Caisson Drilling
- Horizontal Drilling

Typical Properties

Product Description	Typical PRIME-GEL	API 13A, Sec. 9 Specifications
Color	Tan to Beige	-
Density	66 PCF Compact	-
pH	8.5 to 9.0	-
Barrel Yield	90 minimum	-
Viscometer 600 rpm	42	30 minimum
YP/PV Ratio	1.5	3 maximum
Filtrate Volume	13.7 cm ³	15.0 cm ³ maximum
Residue > 75 Micrometers	3.0 wt.%	4.0 wt.% maximum
Moisture	7-12 wt.%	-

Advantages

- American Petroleum Institute (API) Licensed
- NSF/ANSI Standard 60 Certified
- Cools and lubricates drill bit
- Mixes quickly and easily in freshwater or freshwater drilling fluids
- Reduces fluid loss into the formation
- Removes cuttings
- Stabilizes borehole
- Excellent hard water performance

Recommended Treatment

Condition	Approximate Amounts of PRIME-GEL Added to Fresh Water		
	lb/100 gal	lb/bbl	kg/m ³
Normal Drilling Conditions	30-50	13-22	35-60
To stabilize caving formations	60-80	25-35	70-100
To stop circulation loss	70-95	30-40	85-110

Packaging

PRIME-GEL is available in 50 and 100 lb. multi-wall paper bags, 3000 lb. super sacks, and bulk shipments.

Availability

To order PRIME-GEL please contact us at:



Certified to
NSF/ANSI 60

Redmond Minerals
PO BOX 219
2725 N. 100 W.
Redmond UT 84652
Toll Free: 866-440-2529



SPEC 13A
License #13A-0009