

# PRIME-GEL

## DESCRIPTION

PRIME-GEL is a 200 mesh, superior-grade, sodium bentonite which meets or exceeds the current edition of API specification 13A, section 9 bentonite requirements. PRIME-GEL's functions as a vixcosifier, suspending agent and filtrate reducer in freshwater drilling systems.

## APPLICATION

- Hydraulic Barriers
- Reservoirs
- Municipal Landfills
- Sanitation Lagoons
- Hazardous Material Containment
- Cut-Off Walls
- Tunnel Boring
- Drilling Fluids
- Oil Well Drilling
- Mineral Exploration Drilling
- Water Well Drilling
- Seismic Drilling
- Caisson Drilling
- Horizontal Drilling
- Filtration

## TYPICAL PROPERTIES

Product Specification	Typical PRIME-GEL	API 13A, Sec. 9 Specs
Color	Tan/Red	-
Density	66 lbs ft <sup>3</sup> (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 <sup>3</sup>	15.0 cm <sup>3</sup> maximum
Residue > 75 Micrometers	3.0 wt.%	4.0 wt.% maximum
Moisture	7-12 wt.%	-

## ADVANTAGES

- Meets or exceeds API Spec 13A Section 9, bentonite standards
- NSF/ANSI Standard 60 Certified
- Cools and lubricates drill bit
- Mixes Quickly and easily in fresh water, or fresh water drilling fluids
- Reduces fluid loss into the formation
- Removes Cuttings
- Stabalizes borehole
- Excellent hard water performance

## RECOMMEDED TREATMENT

### Approximate Amounts of PRIME-GEL Added to Fresh Water

Condition	lb/100 gal	lb/bbl	kg/m <sup>3</sup>
Normal Drilling Conditions	30-50	13-22	35-60
To Stabalize Caving Formations	60-80	25-35	70-100
To Stop Circulation Loss	70-95	30-40	85-110

## PAKAGING

PRIME-GEL is available in 50 lb. multi-wall paper bags, 3,000 lb. bulk bags, and bulk shipments.

## AVAILABILITY

To order PRIME-GEL please contact us at 1-866-440-2529