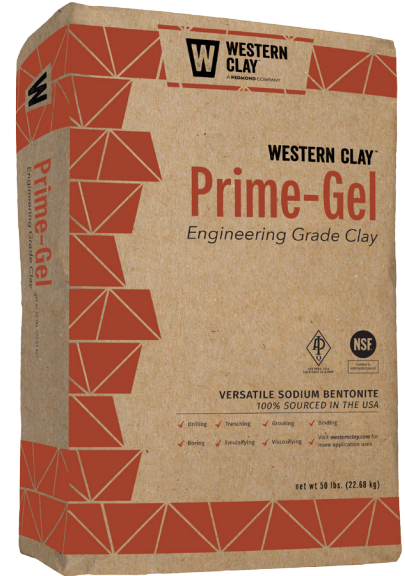


# Prime-Gel<sup>®</sup>



## DESCRIPTION

Prime-Gel is our engineering-grade sodium bentonite. Certified to current API specifications, Prime-Gel's 90 barrel yield is a high performing drilling mud, viscosifier, and filtrate reducer for 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
- Stabilizes borehole
- Excellent hard water performance

## RECOMMENDED 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 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 lb. multi-wall paper bags, 3,000 lb. bulk bags, and bulk shipments.

To the best of our knowledge and belief, the above information is accurate. Because the conditions of handling and use are beyond our control, we cannot guarantee results, and assume no liability for damages incurred in using our product