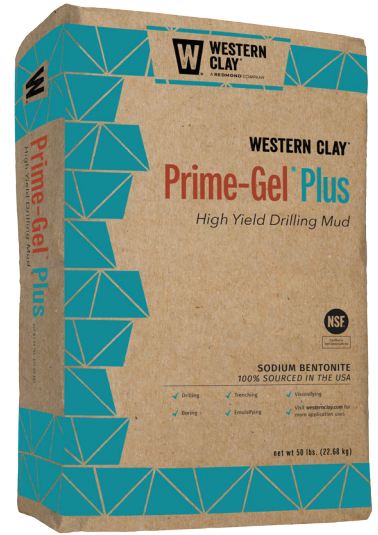


# Prime-Gel® Plus



## DESCRIPTION

Prime-Gel Plus is a treated, high-quality, high-performance, high-yield sodium bentonite specifically engineered for drilling applications. Its fine particle size promotes rapid hydration and efficient mixing, allowing it to quickly form a stable slurry. Designed for demanding field conditions, NSF Certified Prime-Gel Plus delivers consistent performance even in hard water environments.

## APPLICATION

- Drilling Fluids
- Oil Well Drilling
- Water Well Drilling
- Seismic Drilling
- Caisson Drilling
- Horizontal Drilling
- Boring

## TYPICAL PROPERTIES

Product Specification	Typical PRIME-GEL Plus
Color	Tan/Beige
Density	~65 lbs ft <sup>3</sup> (compacted)
pH	9.0 - 10.0
Moisture	8-10 wt. %



## ADVANTAGES

- NSF/ANSI Standard 60 Certified
- Cools and lubricates drill bit
- Rapid hydration and dispersion in fluid systems (for fresh water use only)
- Provides fluid loss control
- Enhances cuttings suspension and hole cleaning
- Stabilizes borehole walls
- Performs reliably in hard water conditions
- Improves drilling efficiency and fluid consistency

## RECOMMENDED TREATMENT

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

Condition	lb/100 gal	lb/bbl*	kg/m <sup>3</sup>
Normal Drilling Conditions	15-25	6-10	18-30
Unconsolidation Formations	35-50	14-20	40-57
Loss of Circulation (+ additives)	12-15	16-23	46-65

**\* Note:**

1 bbl = 42 U.S. gallons

*Additional recommendations: Pre-treat water with sodium carbonate to bring pH to ~9.5. Mix using a vortex or high-speed stirrer for optimal hydration and performance.*

## PACKAGING

Prime-Gel Plus is available in 50 lb. multi-wall paper 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