

PRIME-GEL

Sodium Bentonite / Viscosifier / Filtrate Reducer



Description PRIME-GEL is an API certified, 200 mesh, 90 barrel yield, premium-grade sodium bentonite which complies with the current edition of API Specification 13A, section 9 requirements. PRIME-GEL functions as a viscosifier and filtrate reducer in freshwater drilling systems.

- Application**
- Hydraulic Barriers
 - Seepage Cut-Off Walls
 - Reservoirs
 - Landfills
 - Hazardous Material Containment
 - Drilling Fluids
 - Oil Well Drilling
 - Mineral Exploration Drilling
 - Water Well Drilling
 - Seismic Drilling
 - Caisson Drilling
 - Horizontal Drilling
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Typical Properties	Product Specification	Typical PRIME-GEL	API 13A, Sec. 9 Specifications
	Color	tan to beige	-
	Density	66 PCF Compact	-
	pH	8.5 to 9.0	-
	Swell	1400 to 1800%	-
	Barrel Yield	90 minimum	-
	Viscometer 600 rpm	40	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) Certified
 - 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
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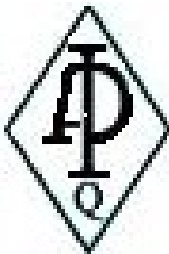
Recommended Treatment

Approximate Amounts of PRIME-GEL Added to Fresh Water

Condition	lb	lb/bbl	kg/m ³
	/100 gal		
Normal Drilling Conditions	3	13-22	35-60
To stabilize caving formations	0-5	25-35	70-100
To stop circulation loss	0-6	30-40	85-110

Packaging PRIME-GEL viscosifier is packaged in 50 and 100 lb. multi-wall paper bags, super sacks, and can be loaded in bulk on pneumatic trailers.

Availability To order PRIME-GEL please contact us at:



H & H Environmental, Inc.

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Certified to
 NSF/ANSI 60