

# PREMIUM GEL® AUS

## API BENTONITE

### DESCRIPTION

PREMIUM GEL® is a 200 mesh, 90 bbl yield Australian sodium bentonite for freshwater drilling, slurry walls, and tunnel boring. PREMIUM GEL® complies with API 13A Section 9, Specifications for Drilling Fluid Materials.

### RECOMMENDED USE

May be used for all types of freshwater mud rotary drilling where higher solids are desired. PREMIUM GEL® can also be used as a seal for earthen structures, slurry trenching, tunnel boring, and foundation drilling.

### CHARACTERISTICS

- Cools and lubricates bit
- Mixes quickly and easily
- Reduces fluid loss into the formation
- Removes cuttings
- Stabilizes borehole

### MIXING AND APPLICATION

Mixing ratios are based on the use of freshwater; water purity will affect bentonite performance. For best results, acidic and hard make-up water should be pretreated with SODA ASH to a pH of 8.5–9.5. Add PREMIUM GEL® slowly through jet/hopper mixer.

### PACKAGING

25 kg multi-wall paper bags and 1.2 ton Bulk Bags.

GENERAL PROPERTIES	
PROPERTY	TYPICAL VALUE
V600	>30
YP/PV	<3
Filtrate	<15ml
Grit (75um)	<4%
Moisture	<13%
pH	8–11

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