

Turbogel

One Sack Drilling System



DESCRIPTION **Turbogel** Wyoming Bentonite Polymer blend supplied as a single sack product used predominantly in HDD Boring.

APPLICATIONS **Turbogel** is used as a one sack drilling system to build rapid viscosity and low filtration rates for efficient hole cleaning and hole stability in poorly consolidated and caving formations. Turbogel is a versatile additive and has application in many types of drilling and construction activities.

- Water bores
- Rotary drilling
- Horizontal directional drilling

ADVANTAGES

- One sack Drilling System
- Provides superior filtration control compared to other bentonites
- Yields rapidly to give double the viscosity of regular bentonite
- Non-toxic and environmentally acceptable
- Makes an economical, single sack drilling mud

TYPICAL PROPERTIES

Physical appearance	light coloured powder
Specific Gravity	2.3 – 2.5

TYPICAL TREATMENT IN FRESH WATER

Drilling Application	kg/ m ³	lb/ bbl
Normal drilling conditions	15-25	6-11
In gravel or caving formations	30-45	10-12
Regular freshwater mud	5-10	2-4
To control seepage losses	40 -50	15-18

PACKAGING 25kg or 50 lb multi-walled paper sacks

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