



WYOMING GEL

DESCRIPTION

Sodium montmorillonite is sold under various trade names. In fresh water it yields 92-100 bbl/ton of 15 cps viscosity mud. Wyoming Gel conforms to the following API specifications (API Spec 13A, Section 4 Fourteenth Ed. Aug. 1991). Suspension of 22.5 grams in 350 ml of distilled water.

PROPERTIES

Physical		Chemical	
Appearance:	Tan powder	Mineral:	Sodium Montmorillonite
Specific Gravity:	2.45-2.55	Solubility:	Not soluble (forms colloidal suspension)
Bulk Density:	881 kg/m ³	pH:	9.1 (5% suspension)
Moisture Content:	10% Maximum	Microtox:	Not applicable

APPLICATION

Wyoming Gel is used for viscosity and filtration control in fresh water mud systems. In muds with a salinity of 3500 mg/L or higher the bentonite must first be prehydrated in fresh water.

MIXING AND HANDLING

Mix directly through the mud hopper at no faster than 4-6 minutes per sack. Avoid breathing dust. It is advisable to use a dust mask and eye protection while mixing all powdered products.

WHMIS: Controlled (see MSDS)	TDG: Not regulated	PACKAGING: 40 kg sack
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