



EXTRA HIGH YIELD BENTONITE

DESCRIPTION

Extra High Yield Bentonite is a highly concentrated, polymer enhanced sodium montmorillonite. In distilled water it yields a minimum 220 bbl/ton of 15 cps viscosity mud.

PROPERTIES

Physical		Chemical	
Appearance:	Pale grey to buff powder	Type:	Sodium montmorillonite
Specific Gravity:	2.45-2.55	Solubility:	Not Soluble (forms a colloidal suspension)
Bulk Density:	880 kg/m ³	pH:	8.0-10.0 (5% aqueous suspension)
Flash Point:	Not applicable	Microtox:	Not applicable

APPLICATION

Extra High Yield is used for providing quick viscosity when necessary. It is especially advantageous in remote locations where transportation of large quantities of product is prohibitive or where small volumes of high viscosity mud are required. i.e. (seismic drilling, water well drilling, river crossings, etc.).

The level of water purity will affect the performance of the bentonite. Prior to mixing, acidic and/or hard water should be treated with soda ash to a pH of 8.5-9.0.

MIXING AND HANDLING

Mix directly through the hopper at no faster than 4-6 minutes per sack. A mask and goggles should be worn to prevent inhalation of dust and contact with the eyes. Fresh air ventilation should be provided in the mixing area.

WHMIS: Controlled (see MSDS)	TDG: Not regulated	PACKAGING: 50 lb sack
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