

EARTH PRO AE 851

Flocculant

35% HYDROLYZED POLYACRYLAMIDE IN LIQUID FORM

Earth Pro AE 851 can be used as a viscosifier, clay inhibitor, and as a flocculant to promote water clarification when fresh water and brine drilling.

As a flocculant, **Earth Pro AE 851** is normally used in concentrations of 1.0L / 30m (3 singles) of hole drilled. (Holes larger than 222 mm will require higher concentrations).

As a shale inhibitor, the filtrate concentration of **Earth Pro AE 851** ranges from 0.5 kg/m³ for slightly hydratable shales to 1.5 kg/m³ for moderately hydratable shales. Gumbo shales may require concentrations as high as 3.0 kg/m³.

FEATURES & BENEFITS

- Drilling fluid additive - viscosifier, clay inhibitor, or flocculant.
- Anionic water soluble polymer.
- Can be used in gumbo shales.
- Holes larger than 222 mm will require higher concentrations when used as a flocculant.
- Disperses more readily as it is already in stabilization.

PHYSICAL PROPERTIES:

Appearance: Off-White Liquid

Specific Gravity: 1.08-1.12

Pour Point: -30 °C

CHEMICAL PROPERTIES:

Type: Polyacrylamide

Solubility: Dispersible - Soluble

pH: 6.5%-7.5% (1% solution)

MIXING & HANDLING

As a flocculant, **Earth Pro AE 851** can be added directly to the flow line or it may be dispersed in water in the chemical barrel prior to adding to the flow line.

Earth Pro AE 851 becomes very slippery when it comes in contact with water. A spill should be cleaned up with an absorbent material.

WHMIS: Not controlled (SDS available)

TDG: Not regulated

Packaging: 20L pail

