

HUMALITE

Black Earth Powder

THINNER AND FILTRATION CONTROL AGENT

Humalite is a naturally oxidized coal-like material similar to Leonardite (Lignite) but has a much higher humified organic matter content and significantly lower residuals.

Humalite is used in water-based muds as a thinner (dispersant), and a secondary filtration control agent. It is a more stable thinner and filtration control additive at high temperatures than are the lignosulfonates.

Concentrations vary from 3.0-30.0 kg/m³ depending upon the solids content of the system.

Humalite requires the presence of hydroxyl ions (OH) for maximum effectiveness.

PHYSICAL PROPERTIES:

Appearance: Dark brown/black powder
Specific Gravity: approx. 1.5
Moisture: 30-35%
Content: 51.9 lbs/cubic feet

CHEMICAL PROPERTIES:

Type: Humalite (Humic acid)
Solubility: Soluble (pH dependant)
pH: 3.5-4.0

MIXING & HANDLING

Mix directly through the mud hopper. Addition of Caustic Soda (or equivalent) will be required to maintain the pH at 9.0 or higher.

It is advisable to use a dust mask and other approved protection apparel while mixing all powdered products.

WHMIS: Not controlled

TDG: Not regulated

Packaging: 50lb sack

