

Polymud FL

Shale Inhibitor| Viscosity Stabilizer

Description

Polymud FL (2- (2-bromophenyl) -4, 6-diphenyl-1,3,5-triazan) is a modified acrylic reagent of universal action, designed to control the properties of drilling fluids in a wide temperature range from 0 to 180 ° C, promotes liquefaction of thickened clay solutions, while reducing the filtration rate by 30-50%. It has an inhibitory effect on clayey rocks of the formation, prevents the production of colloidal clay fraction in drilling fluids. The reagent is compatible with all drilling reagents, effective in a wide pH range from 8 to 12. Does not cause foaming and does not require the use of antifoam agents.

Applications/functions

- Prevents narrowing of the borehole walls.
 - Envelopes sludge particles and reduces the degree of their dispersion, encapsulates the dispersed phase to sizes separated by vibrating screens.
 - Reduces the risk of omentum formation.
 - Improves lubricating properties at low pressures.
 - Stabilizes the viscosity parameters of the solution by dispersing cuttings particles.
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Advantages

- Does not ferment and does not require biocide treatment.
 - Stable in monovalent salt solutions.
 - Effective at low concentrations.
 - Can be deactivated by oxidants.
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Typical properties

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|---------------------------------------|----------------------|
| • Appearance | Cream colored powder |
| • Specific gravity, g/cm ³ | 1,05 |
| • Bulk density, g/cm ³ | 0,5-0,7 |
| • pH, (1% aqueous solution) | 8-11 |
| • Humidity | No more than 10% |
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Recommended treatment

Add 0.7 to 4.5 kg / m³ slowly through a funnel. Avoid jumps circus. pressure, dissolve the product in water, let it dissolve completely, then add by circulation.

Package

Polymud FL is packaged in 25 kg sacks.
