

Product Information

PAC-R

Viscosifier - Filtrate Control Additive

Description: *PAC-R* is a modified natural polyanionic cellulosic polymer (PAC). *PAC-R* exhibits high viscosity and is readily dispersible and water soluble.

PAC-R provides filtration control in bentonite-based drilling fluids and increases water absorption capacity. Optimal results will be obtained by using *PAC-R* as an additive to the Phrikolat sodium Bentonite Type W.

Applications: Horizontal Directional Drilling (HDD)
Water Well Drilling
Vertical & Oil Field Drilling
Pipe Jacking

Properties:

- Improves filter cake properties of bentonite muds
- Provides filtration control in fresh or salt water muds
- Increases water absorption capacity
- Improves flow properties of most drilling fluids
- Minimizes torque and circulating pressure
- Acts as protective colloid for bentonite
- Reduces swelling and dispersion of drilled clay/cuttings
- Promotes bore hole stability in water sensitive formations
- Effective in small quantities
- No biocides or preservatives required

PAC-R is compatible with all Phrikolat bentonites & additives and does not contain any harmful ingredients.

Recommended Concentrations:

Added to bentonite muds: 0,5-1 kg/m³

To stabilize Water sensitive formations: 2-4 kg/m³

Using a high shear jet-type mixer (venturi) is highly recommended. *PAC-R* should always be added to the system after bentonite. Adding should be done slowly and uniformly to the entire circulating system.

Salt water may require twice as much *PAC-R* as fresh water.

Packaging: 25 kg multiple paper-bags on pallet, shrink wrapped, 1000 kg per pallet
Big Bags à 1000 kg (on request)
