



PAC LV

5151 Bannock Unit 5 Denver, CO

Product Data Sheet

Product Description

PAC LV polyanionic cellulose is used to provide filtration control in most water-based drilling fluids.

Applications/Functions

- Helps control filtration rates without significantly increasing fluid viscosity
- Encapsulates shale to prevent swelling and disintegration

Advantages

- Effective in fresh water, salt water, and brine-based drilling fluids
- Effective in small concentrations for filtration control
- Is stable at temperatures up to 300°F (149°C)
- Effective in moderate to high pH systems
- Does not require a bactericide
- Environmentally safe

Properties

- Appearance White or tan powder
- Bulk density 40 to 55 lb/ft³
- Bulk density 641 to 881 kg/m³
- pH, (1% aqueous solution) 7.75

Recommended Treatment

Add 0.5-3.0 lb/bbl (1.43-8.56 kg/m³) of PAC LV filtration control agent slowly through the hopper.

Packaging:

PAC LV filtration control agent is packaged in 50-lb (22.7-kg) sacks.