

SHARKPAC® R

Product Description

SHARKPAC® R filtration control additive is high-quality Polyanionic Cellulose Polymers. It is used in most water-based drilling fluids including fresh water, seawater and brine up to 300°F. SHARKPAC® R can provide secondary viscosity and effective at low concentrations. It is non-toxic and does not require a biocide. SHARKPAC® R will create an envelope around exposed shales and cuttings to encapsulate them, reducing dispersion and permitting improvement of wellbore integrity. The encapsulation protects the shale from exposure to water.

Applications/Functions

- Control filtration rates and provide supplementary viscosity
- Aids in the formation of a thin, resilient, low-permeability filter cake to minimize the potential for differential sticking and the invasion of filtrate and mud solids into permeable formations

Advantages

- Temperatures stable up to 300°F
- No fermenting, no biocide needed
- Effective in fresh water, seawater and brine fluids
- Functions in moderate to high pH range
- Encapsulates shale particles to inhibit swelling and dispersion
- Environmentally compatible

Typical Properties

- Appearance: White, free-flowing powder
- Specific gravity: 1.5-1.8
- pH (1% aqueous solution): 8

Recommended Treatment

- A typical treatment range is 0.5-2 ppb

Package

- 25 KG SACK