

# PLATINUM PAC

## Cellulosic filtration control polymer

### APPLICATIONS

- Water-based drilling muds
- Fluid-loss treatment
- Filtrate reduction
- Borehole stabilizer

### BENEFITS

- Controls fluid loss
- Inhibits hydration of and encapsulates drill solids
- Prevents swelling and dispersion of shales and clay
- Functions over a wide range of salinity, hardness, and pH levels
- Resists bacterial attack

### FEATURES

- Easily mixable in low-shear environments
- Readily dispersible
- Effective in low concentrations
- Compatible with all common mud-treating additives

The PLATINUM PAC\* cellulosic filtration control polymer is a readily dispersible water-soluble polymer. It is effective in low concentrations, with the normal fluid-loss treatment ranging from 0.25 to 1 lbm/bbl [0.71 to 2.85 kg/m<sup>3</sup>]. This filtration control polymer is applicable in all water-based muds, ranging from low-solids nondispersed polymer systems to high-density dispersed systems. The PLATINUM PAC polymer is used as a filtrate reducer and borehole stabilizer in water-based drilling applications.

This polymer, which is stable to approximately 300 degF [149 degC], is effective in systems with total hardness of <1,000 mg/L (such as calcium) but can be precipitated in the combined presence of high hardness and high pH.

Bioassay information is available upon request. Handle the PLATINUM PAC polymer as an industrial chemical, wear protective equipment, and observe the precautions described in the Material Safety Data Sheet (MSDS).

The PLATINUM PAC filtration control polymer is packaged in 2-lbm [0.91-kg] bottles, 25 per case; 25-lbm [11.3-kg] net product in 5-galUS [18.9-L] buckets; or 50-lbm [22.7-kg] bags. Store the polymer in cool, dry conditions.



### Typical Physical Properties

Physical appearance	White or off-white powder
Ionic character	Anionic
Bulk density	0.64–9.0 g/cm <sup>3</sup>
pH (1% solution)	6.5–9.0