

NEWPAC™ PR

FILTRATION CONTROL AGENT



NEWPARK
DRILLING FLUIDS

www.newparkdf.com

PRODUCT DESCRIPTION

NewPac™ PR filtration control agent is a premium, high-viscosity grade, polyanionic, cellulosic polymer. It is effective in fresh or saltwater to control fluid loss, build viscosity and maintain thin filter cakes. The product is a highly effective coating agent that protects hydratable solids from dispersion. NewPac PR polymeric filtration control agent is resistant to bacterial degradation.

BENEFITS

NewPac PR polymer is a highly effective filtration control agent and viscosifier for water-based drilling fluids.

APPLICATION

NewPac PR filtration control agent can be used in all types of water-based drilling fluids, including lime and gyp fluids. NewPac PR polymer and starch are synergistic and work well together in saltwater systems. It is an ideal polymer for filtration control in low-solids fluids because fluid loss and viscosity can be maintained without the use of additional clay solids.

TREATMENT RECOMMENDATION

Used in concentrations of 0.25-2.0 lb/bbl, the product can be mixed directly through the hopper, but must be added slowly to prevent balling and possible loss of product over the shaker. It can be added through the chemical barrel by dispersion in diesel or synthetic oil; however, some type of agitation is required in the barrel to prevent settling. Product effectiveness decreases as soluble calcium increases and bottomhole temperatures increase above 300°F (149°C).

TYPICAL PHYSICAL PROPERTIES

Appearance..... Dry, granular, off-white powder
Moisture..... 8%, max
Purity..... >96%
Specific Gravity..... 1.6

HANDLING AND STORAGE

NewPac PR polymer is extremely slippery when wet. Use caution if spilled. Minimize exposure to dust. Store in a cool, dry, well-ventilated area. Keep container tightly closed. Use appropriate hygiene, clothing and personal protective equipment suitable for work being done. Review the SDS thoroughly before using this product.

PACKAGING

NewPac PR filtration control agent is available in 50-pound (22.7-kilogram) multi-walled bags.