

TERRAPAN®

ProductDataSheet

SODIUM POLYACRYLATE COPOLYMER FILTRATION CONTROL ADDITIVE

Description

TERRAPAN® is a synthetic filtration control polymer used in freshwater, sea water and monovalent brines (up to 5% NaCl), stable at high temperature environment (up to 200C).

In low-salinity fluids can lower fluid viscosity and gels to some extent.

It has minimum impact on the fluids viscosity and does not ferment so no need for additional biocide treatment. It is not used in high-hardness system, maximum recommended Ca++ level 500 ppm.

It is not recommended to use the product in high-salinity systems (7% or higher NaCl or KCl) as the efficiency of TERRAPAN® drops.

It is recommended to run the pilot testing prior to adding the product to high-MBT/high solids fluids as the viscosity “hump” might occur. To decrease viscosity in this case chromates can be used.

TERRAPAN® is very well compatible with the most known drilling fluid WBM additives.

Applications/Functions

- controls mud fluid loss and improves filter cake quality in adverse bottom-hole conditions
- coats cuttings and wellbore wall with the protective polymer film
- prevents clay particles hydration

Advantages

- high thermal stability (up to 200C)
- does not require biocide as is not affected by bacteria

Recommended treatment

0,35-1 ppb (1-3 kg/m³)

Typical properties

Free flowing from white to yellowish powder

Handling

Please refer to the MSDS for specific instructions

Packaging

TERRAPAN® filtration control agent is packaged in 50lbs (22,7 kg) bags

*Disclaimer: Prior to using this product, the user is hereby informed and cautioned to make their own determination and assessment of the safety and applicability of the product for the specific job. It is the final responsibility of the user to ensure that the product is suitable and the information is applicable to the user's specific application.



КЛОТО

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