

POLYANIONIC CELLULOSE HEAT RESISTANT**DESCRIPTION**

SMARTPAC HT is a modified polyanionic cellulose product used to control the filtration of water-based drilling fluids. The modified composition of the product allows it to be used as an effective stabilizing reagent in all types of water-based drilling fluids at high temperatures. SMARTPAC HT provides stabilization of the well walls when drilling in clay shales and helps reduce the solid phase in the drilling fluid, and has extremely high thermal and salt resistance. Effectively regulates fluid loss of drilling fluids. Does not affect the rheology of the solution. Improves the thermal stability of drilling fluids. It is effective when NaCl and KCl are present until saturation, and is resistant to the aggression of calcium and magnesium salts. Stable in the pH range 6-14.

BASIC PHYSICAL PROPERTIES

Appearance	Free-flowing white or cream powder
Solubility	Easily soluble
Suspension homogeneity	Excellent, no lumps
Bulk density	600 g/l
Humidity	6-8%
Thermal stability	Up to 160 C0

APPLICATION

SMARTPAC NT economical and effective - the recommended reagent concentration is from 3 to 10 kg/m³ for most solutions (for solutions based on sea water and salt-saturated solutions, it is recommended to increase the reagent concentration to 5–15 kg/m³).

STORAGE

SMARTPAC NT should be stored in a dry place for no more than 24 months.

PACKAGE

SMARTPAC NT is supplied in 25 kg multi-layer paper bags with a polyethylene layer.