

**POLY ANIONIC CARBOXY METHYL CELLULOSE****PRODUCT**

SMARTPAC R HV –fluid loss additive and viscosifier for KCL based drilling fluids for drilling active shales.

**TYPICAL PROPERTIES**

Appearance	Off-white free flowing powder
Compatibility	Resistant to high concentrations of mono-and bivalent cations (Na <sup>+</sup> , K <sup>+</sup> , Ca <sup>2+</sup> , Mg <sup>2+</sup> )
Solubility	Compatible with all drilling fluid additives Readily soluble in saline drilling fluids
Starch presence	Negative
Temperature stability	Up to 150° C
Moisture	max.10.0 %
pH (2% sol. at 25° C)	7.0-9.0
Rate of addition	5-15 kg/m <sup>3</sup> (2 - 5 lbs/bbl.)
DS	1,0-1,03

**STORAGE**

SMARTPAC R HV should be stored in dry place for 24 months.

**PACKAGING**

SMARTPAC R HV is packaged in 25kg multiply paper bags with PE liner.