

Polyanionic Cellulose

(PAC - LV SP)

PAC - LV SP can be widely used in oil drilling having good water loss Control capability, high mud yield, strong salt resistance, temperature tolerance, resistance to microorganisms, so no required to biocides or preservatives and has high tolerance to electrolytes. Molecular formula $[C_6H_7O_2(OH_2)OCH_2COONa]_n$

Specifications

Specifications for low viscosity purified grade based on API 13 A :

Appearance: white to off white color	Solubility in water: soluble
Polyanionic Cellulose, min.	80 %
Temperature stability,(°C).....	149 °C
Moisture content (packed) max.,%	10
Specific gravity (gm./cc).....	1.6
Degree of substitution (min.).....	0.9
Apparent Viscosity (1% weight), max cps.....	40
pH (1% soln. deionized water),	7 - 10
API, Fluid loss (salt water), ml, max.....	16

Packing and Storage:

50 Lb Kraft paper bag, or other packing as client request.

Store in cool, dry, clean and ventilated area.