

Polyanionic Cellulose

(PAC – R SP)

Polyanionic Cellulose (R- R SP) can be widely used in oil drilling Operation which used as filtrate reducer to form a thin resistant filter cake. It is effective in fresh water and sea water. No required to biocide or preservative and has high tolerance to electrolytes.

Molecular formula $[C_6H_7O_2(OH_2)OCH_2COONa]_n$

Specifications

Specifications for regular purified grade based on API 13A :

Appearance: white to off white color

Solubility in water: moderate

Polyanionic cellulose,% min.,	80%
Temperature stability,(°C).....	149
Moisture content (packed) %, max.....	10
Specific gravity(gm/cc).....	1.6
Degree of substitution(min.).....	0.8
Viscosity (1% weight), cps, min.,	50
pH (1% soln. deionized water),	7 - 11
API Fluid loss,(saturated salt) ml, max.,	23

Packing and Storage:

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

Store in cool, dry, clean and ventilated area.