

Polyanionic Cellulose

PAC – R

PAC – R Purified high viscosity 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 biocide or preservatives and has high tolerance to electrolytes.

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

Specifications

Specifications for high viscosity grade based on API 13 A:

Polyanionic Cellulose, min.97 %

Appearance: white to off white color

Solubility in water: soluble

Temperature stability,(°C).....149 °C

Moisture content (packed), max. %10

Specific gravity (gm/cc).....1.6

Degree of substitution (min.).....0.8

Apparent Viscosity (1% weight), min, cps.....70

pH (1% soln. deionized water).....7- 11

API, Fluid loss,(salt water) ml, max.....23

Packing and Storage:

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

Store in cool, dry, clean and ventilated area