

Carboxymethyl Cellulose (CMC – R Tech.)

Carboxymethyl Cellulose (CMC R Tech.) 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

Active content, % min.,70%

Temperature stability,(°C).....149

Moisture content (packed) %, max.....10

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

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

AP. Viscosity (1% weight), cps, min.,50

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

API Fluid loss,(salt soln.) 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.