

Carboxymethy Cellulose (CMC – LV Tech.)

CMC LV Tech. is a technical low viscosity grade control the filtration of water - base mud without severe increases in the mud viscosity.

Application

CMC-LV Tech. controls the filtration rate of fresh water and seawater muds.

Properties

CMC- LV Tech. has 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 low viscosity purified grade based on API 13 A:

Appearance: white to off white color	Solubility in water: soluble
Active content, %, min.....	70
Moisture content (packed) %, max.:	10
Apparent Viscosity (1% weight), max cps.....	50
Degree of substitution, min.....	0.9
pH (1% soln. deionized water),	7 - 11
Filtrate volume at saturated salt soln. max. ml.	10

Packing and Storage:

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

Store in cool, dry, clean and ventilated area.

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