

Product Data Sheet

CarboxyMethyl Cellulose

CMC HV

Cas No: 9004-32-4

CMC LV is Carboxy Methyl Cellulose of low viscosity, also named as Sodium Carboxymethyl Cellulose. CMC-LV is designed to control filtration (water loss) in all types of water base drilling fluids ranging from fresh to salt saturated waters, while having a minimal effect on viscosity. CMC-LV is readily dispersible in water base mud systems from fresh to salt saturated muds. It is used as a fluid-loss reducer in fresh-, sea- and saturated saltwater-based drilling fluids.

Physical Properties:

Properties	Value
Appearance	Off white to Creamish free flowing powder
Nature of Polymer	Sodium Carboxy Methyl Cellulose
Moisture Content	Max. 10%
pH of 2% Solution	7.0 – 10.0
Solubility	Soluble in fresh water
Toxicity	Non Toxic
Filtrate volume	Max 10 cm ³
Viscometer Dial Reading at 600 r/Min	Max 90

Application

CMC HV is a cost-effective additive to reduce API filtration rate of many water based drilling fluids ranging from freshwater to saturate saltwater. It helps prevent high, progressive gel. It coats the clay cuttings and reduces the hydration.

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Packing:

Packed in multi-ply paper bags with polyethylene inner layer, containing 25 kgs; palletized & shrink wrapped.

Storage:

Store it in a cool, dry place below 30°C and protected against humidity and pressing, since the goods is thermoplastic, storage time should not exceed 36 months.

Safety notes:

The above data is in accordance with our knowledge, but don't absolve the clients carefully checking it all immediately on receipt. To avoid the different formulation and different raw materials, please do more testing before using it.