

TiKEM CMC HV

TiKEM CMC HV is a high viscosity CarboxyMethyl-Cellulose (CMC), technical grade. It is used as a viscosifier and fluid loss reducing agent in different types of water-based drilling fluids.





Application:

TiKEM CMC HV is used in various types of drilling fluids ranging from fresh water to saturated salt water, can be used to substitute part of the bentonite in order to keep the solids content low. Furthermore, **TiKEM CMC HV** allows rheology control, filtration control, formation of thin filter cakes, protection from flocculation, lubrication of bits, suspension of cuttings and weighting materials.

TiKEM CMC HV has been used up to 275°F (135°C); temperature stability is dependent on different variables such as oxygen and metal ions content as well as pH and contaminants present in the drilling fluids.

Dosage:

The amount of **CMC HV** required depends on the type and the characteristics of the drilling fluid. The typical dosages:

 in fresh water mud:	3,0 - 9,0 kg / m ³ water
 in sea water mud:	6,0 - 12,0 kg / m ³ water
 in saturated salt water mud:	8,0 - 12,0 kg / m ³ water
 mixing with bentonite mud:	2,0 - 4,0 kg / m ³ water or mud

The product should be added slowly through a mixing hopper at a rate of 10-20 min/sack.

Packaging: 25 kg paper sacks, 1000 kg palletized

Shelf life: 12 months
The product is available from stock

Origin: EU

TiKEM HUNGARY KFT.

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General characteristics:

🌐 Appearance:	white or yellowish powder form
🌐 Ionic character:	anionic
🌐 Bulk Density (min):	400-650 kg/m ³
🌐 Toxicity:	environmental friendly, non toxic
🌐 Degree of Substitution	0, 8-0,9
🌐 Moisture content:	max. 8%
🌐 pH Value:	8-10
🌐 Yield:	
deionized water (min.)	100 m ³ / MT
saturated salt water (min.)	100 m ³ / MT
🌐 Storage temperature:	5-35 °C
🌐 Shelf life:	12 months*

*when stored inside a building at a stable temperature between 5-30°C.
Keep from direct sunlight and wet/vapour/stream.

Exclusive Distributor:

Ti KEM Hungary LTD.
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Note:

The data in this technical data sheet is provided for information only. It is correct to the best of our knowledge, information and belief at the date of its publication. All information comes from the producer. It does not constitute a specification and no liability is assumed, nor freedom from any existing patents.

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