

CMC-HV (Carboxy Methyl Cellulose)

CMC HV is a technical grade carboxymethylcellulose that has high viscosity, high molecular weight designed to provide viscosity and reduce API filtration rate to water based drilling fluids.

Typical Physical Properties

Appearance	Free flowing off-white powder
Moisture content	10% max.
PH of 1% solution	6.0 - 8.5
Particle size	95% min. pass through 40 mesh

Solutions	CMC-HV	
	Sample weight in 350ml solution	600rpm reading value
Distilled water	2.2 g	≥ 30
4% Nacl	2.7 g	≥ 30
Saturated Nacl	2.5 g	≥ 30

Application

CMC HV is a cost-effective additive to reduce API filtration rate of many water based drilling fluids from freshwater to saturate saltwater. It increases and stabilizes viscosity to improve rheology, wellhole cleaning and suspension property by coating and encapsulating cuttings and solids of drilling fluids.

Recommended Handling

All personnel handling this material must handle it as an industrial chemical, wearing protective equipment and observing the precautions as described in the Material Safety Data Sheet (MSDS).

Packaging and Storage

Packed in 25 kgs or 50 lbs paper sacks

Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and /or stacking.

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