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PRODUCT BULLETIN

CMC-LV (Carboxy Methyl Cellulose)

CMC LV is a low viscosity carboxymethylcellulose designed to reduce API filtration rate with minimum increase in viscosity in water based drilling fluids. Low viscosity carboxymethylcellulose is usually used in "thin" aqueous solutions.

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-LV	
	Sample weight in 350ml solution	600rpm reading value
Distilled water	10.5g	≤90
4% NaCl	/	/
Saturated NaCl	/	/

Application

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

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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