

CARBOXY METHYL CELLULOSE – CMC

LOW VISCOSITY GRADE (LVG)

INFL 6000 – PRODUCT DATA SHEET

Description

CMC (LVG) is a low viscosity technical grade dispersible fluid loss additive which is designed to reduce API filtration rate with minimum increase in viscosity in water based drilling fluids.

Application

CMC (LVG) is a cost effective additive used as a fluid loss reducer in fresh water and brackish water systems. It is used to control fluid loss in dispersed and non dispersed drilling fluids.

Advantages

- Effective in low concentrations
- Non-Toxic
- Not subjected to bacterial degradation and calcium contamination
- Can be used in most water based fluid systems

Specifications

S.No.	Parameter	Specification
1	Physical State	Powder, free from lumps and visible impurities
2	Moisture content at 105±2°C, percent by mass	10.0 (Maximum)
3	Apparent Viscosity of 2% (w/v) of the Material in distilled water at 24±2°C, cP	30 (Maximum)
4	Dry Sieve Analysis: Fraction retained on 8 Mesh BSS or equivalent sieve, percent by mass	Nil
5	Degree of substitution (Uranyl Nitrate method)	0.70 (Minimum)
6	Sodium Carboxy Methyl Cellulose content on dry basis, percent by mass	55.0 (Minimum)
7	Apparent Viscosity of the treated (0.5% w/v, CMC) fresh water base mud at 24±2°C, cP	Not more than 2.5 times the value obtained for the fresh water base mud
8	API Filtration Loss of the treated (0.5% w/v, CMC) fresh water base mud, ml	Not more than 45% of the value obtained for the fresh water base mud
9	API Filtration loss of the treated (0.5% w/v, CMC), hot rolled (110±2°C for 24 hrs.) treated mud, ml	Not more than 50% of the value obtained for the fresh water base mud
10	API Filtration loss of treated (1% w/v, CMC) salt water mud, ml	10.0 (Maximum)
11	Borate Sensitivity test	No stiff gel formation

Packaging

25 Kgs pre ply kraft paper bag. Customized packaging is available on request.

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