

Carboxymethyl Starch

The Carboxymethyl starch fluid loss additive is a kind of fluid loss additive product synthesized with starch as the main raw material. It is mainly used for the control of filtration loss of water-based mud. This product can be used not only in fresh water drilling fluid, but also in sea water and saturated salt water drilling fluid, with good salt resistance. Compared with ordinary starch filter reducer, this product has better temperature resistance and can effectively solve the problems of product failure and mud performance degradation caused by fermentation and odor during use.

1. Features and Advantages:

- (1) White free flowing powder, no odor, no mechanical impurities, no caking, easy to use
- (2) Meet the control requirements of filtration loss of common water-based mud.
- (3) It has good environmental protection and degradability.
- (4) This product has excellent anti-fermentation performance.

2. Technical Parameters

Items		Specifications
Appearance		White or light yellow powder
moisture content, %		≤ 10
Degree of substitution		≥ 0.4
In saturated salt water	600rpm dial reading	< 18
	Filtrate volume, ml	< 8
	API Filtration loss (120°C/16h), mL	≤ 15

3. Applications

- (1) Used in fresh water, sea water and brine drilling fluid
- (2) The operating temperature of the product should not exceed 120 °C

4. Packaging, storage and transportation

- 1) The packaging adopts a three-in-one woven bag, the inner layer is a plastic bag, and the inner and outer bag mouths should be sewn firmly.
- 2) The net mass of each bag (25±0.25) kg, severe collision should be prevented during transportation, and rainproof and moisture-proof measures should be done, and moisture-proof measures should be paid attention to;
- 3) Should be stored in a cool and dry place, fireproof, sun protection, product shelf life of two years, if the shelf life, should be re-inspected and qualified before use.

