

Product description

[Carboxymethyl cellulose](#) (CMC) is a non-toxic and odorless white flocculent powder with stable performance. It can be dissolved in cold or hot water to form a transparent liquid with a certain viscosity. CMC can be used as a binder, thickener, suspending agent, emulsifier, dispersant, stabilizer, sizing agent, etc. It is a polyanionic electrolyte with salt resistance, thermal stability, and good film-forming properties. It is a powerful emulsifier for grease.

Advantages:

1. High degree of substitution and good uniformity of substitution;
2. High transparency, can control viscosity and reduce water loss;
3. Suitable for fresh water, sea water and saturated salt water water-based mud;
4. Stabilize the soft soil structure to prevent the shaft wall from collapsing;
5. It can increase the pulping capacity and reduce the filtration loss;
6. It has excellent performance in drilling.

Application:

In oil drilling, Carboxymethyl cellulose (CMC) can be used to protect oil wells as mud stabilizer and water retention agent. The dosage of each oil well is 2.3t for shallow wells and 5.6t for deep wells; CMC with low viscosity and high degree of substitution is suitable for dense mud.

