

Product description

[China CMC sodium carboxymethyl cellulose \(manufacturer\)](#) is non-ionic cellulose ether made from natural cotton fiber under series of chemical processing. It's odorless, tasteless and non-toxic white powder, can be dissolved in cold water to form a transparent viscous solution with the properties of thickening, binding, dispersing, emulsifying, film coating, suspending, absorbing, gelling, water retention and colloid protection.



Advantages

In oil and natural gas drilling and well digging projects, Welldone™ CMC can be used as cement mortar to reduce water loss and improve stability□

The mud containing [OEM cellulose ether \(factory\)](#) can make the well wall form a thin and firm filter cake with low permeability, which reduces the water loss.

After adding CMC to the mud, the drilling rig can get a low initial cutting force, so that the mud is easy to release the gas wrapped in it, and the debris is quickly discarded in the mud pit.

Drilling mud, like other suspended dispersions, has a certain life span. The addition of CMC can make it stable and prolong the life span.

Mud containing CMC is seldom affected by mold, therefore, there is no need to maintain a high pH value and no need to use preservatives.

Containing CMC as drilling mud wash fluid treatment agent, can resist the pollution of various soluble salts.

The CMC-containing mud has good stability and can reduce water loss even if the temperature is above 150°C. CMC with high viscosity and high degree of substitution is suitable for mud with low density, and CMC with low viscosity and high degree of substitution is suitable for mud with high density. The selection of CMC should be determined according to different conditions such as mud type, region, and well depth.

Application

Cellulose cmc is widely used in oil field, chemical, detergent, ceramics, cigarettes, printing and dyeing, textiles, food, medicine, welding rod and other industries. In oil drilling can be used to protect oil wells as a mud stabilizer, water retention agent.

