

## Main Specification

PARAMETER	SPECIFICATION	SPECIFICATION	SPECIFICATION	SPECIFICATION	SPECIFICATION
Product Grad	LV1-CMC	LV2-CMC	HV1-CMC	HV2-CMC	HV3-CMC
Viscosity	50-100mpa.s	50-100mpa.s	5-200000mpa.s	5-200000mpa.s	5-200000mpa.s
Moisture	10%max	10%max	10%max	10%max	10%max
Degree of substitution	0.8%min	0.8%min	0.65%min	0.8%min	0.8%min
Purity	70-75%min	80-85%min	85%min	80%min	90%min
Filtration loss/M3(Fresh water)	0	0	0	0	0
Filtration loss/M3(4% Saline water)	0	0	0	0	0
Filtration loss/M3(Saturated Saline water)	0.9%NMT10	0.9%NMT10	0.9%NMT10	0.9%NMT10	0.9%NMT10
Bulk density	370-420g/l	370-420g/l	370-420g/l	370-420g/l	370-420g/l
pH			7-9	7-9	7-9
Viscometer value recording 600r/min(F	3%solution NMT90	3%solution NMT90	0.6 solution NMT 90	0.6 solution NMT 80	0.6 solution NMT 30

resh water)					
Viscometer value recording 600r/min(4 %Saline water)	o	o	_____	0.8%solution NMT 90	0.8%solution NMT 90
Viscometer value recording 600r/min(Saturated Saline water)	o	o	_____	0.7%solution NMT 100	0.7%solution NMT 30

### Uses

Used for oil and gas drilling, digging wells and other projects function as follows:

1. mud wall with CMC enables the formation of thin Caine, low permeability filter cake, so to reduce water loss.
2. After the slurry was added CMC, the rig can get low initial shear, so that the mud wrap is easy to release the gas, while the debris quickly abandoned in the mud in.
3. drilling mud and other suspended as a dispersion, the presence of a certain period, after which CMC is added to make a stable and extended lifespan.
4. slurry containing CMC rarely affected by mold, therefore, need not maintain a high PH value, without the use of preservatives.
5. with CMC flushing fluid for drilling mud treatment agent, anti-soluble salts of various forms of pollution.
6. slurry containing the CMC, good stability, even at temperatures above 150 °C still reduce water loss.

Mud, low viscosity, high viscosity, high degree of substitution of CMC for smaller density high degree of substitution of CMC for large density mud.

CMC should be chosen depending on the type and condition of the mud area, depth, etc.

Package

25kg paper bags with liner inside.