

SPECIFICATION OF SODIUM CARBOXYMETHYL CELLULOSE

Commodity Name: Sodium Carboxymethyl Cellulose

CAS No.: 【9004-32-4】

Synonyms: Carboxymethyl Cellulose, CMC, Sodium CMC, Na-CMC, Cellulose Gum.

HS Code: 39123100

Application: Oil Drilling Industry

Description:

CMC and PAC can be used in drilling fluid, fixing fluid and fracturing fluid. In drilling fluid, it works as viscosifier, filtration reducer, and rheology controller; in fixing fluid, it is used to control fluid viscosity, suspend heavy objects, and avoid fluid loss; also in fracturing fluid, it is used to carry stuffing and avoid fluid loss.

Our product can meet API 13A, or we can produce according to customer's requirement.

1.CMC-HV & CMC-LV conform to API 13A standard

Product Type	Item	Standard	
CMC-HV	Starch or starch derivatives presence	NO	
	Viscometer dial reading at 600r/min mPa.s	Distilled water	≥30
		4% salt water	≥30
		Saturated salt water	≥30
	Water loss, ml	≥30	
CMC-LV	Starch or starch derivatives presence	NO	
	Viscometer dial reading at 600rpm	≤90	
	Water loss, ml	≤10	

2.PAC-HV & PAC-LV conform to API 13A standard

Product Type	PAC-HV	PAC-LV
Moisture(105°C), %	≤10	≤10
Apparent Viscosity, mPa.s	≥50	≤40
Water Loss, ml	≤23	≤16
Starch or starch derivatives presence	NO	NO

Packing and Storage:

Packing: 25kg kraft paper bag with PE inner, or other packing as clients request.

Storage:

- 1.Store in a cool, dry, clean, ventilated environment. Temperature Max. 40°C, with a relative humidity $\leq 80\%$.
- 2.The product for pharmaceutical and food grade should not be put together with toxic substance and harmful substance or substance with peculiar smell during transportation and storage.
3. Since the date of production, a preservation period should not exceed 4 years for the industrial product and 2 year for the product for pharmaceutical and food grade.
4. The products should be prevented from water and package bag damaging during transportation.