

Product description:

Appearance: Sodium Carboxy Methyl Cellulose (CMC) is a whit to light yellow powder or granular product.

Specification:

Oil Drilling Grade CMC					
Type Specification			CMC-HV	CMC-LV	
Viscometer dial reading at 600r/min	In distilled water		≥30	≤90	
	In 40g/L salt water		≥30	≤90	
	In saturated salt water		≥30	≤90	
Fluid Loss(ml) Conforms to API Spec. 13A test methods			≤10.0	≤10.0	
PH			6.5-8.0	7.0-9.0	
Purity			≥95.0	≥80.0	
Appearance			Free-flowing white or yellowish powder without lumps		
	Property Type	Apparent Viscosity	Filtrate volume, in seawater/KCL	Moisture	D.S.
ZZLHV	PAC-HV	Min. 50	Max. 23 ml	Max. 10	Min. 0.9
ZZLLV	PAC-LV	Max. 40	Max. 16 ml	Max. 10	Min. 0.9

Textile Grade CMC/Coating Grade CMC							
1% Soln, viscosity(mpa.s)	400-600	≥1000	1000-1500	1500-2000	2000-2500	2500-3000	≥3000
Chlorides,cl %	≤3.0		≤1.8				
Degree of substitution	≥1.20		≥1.10				
Loss on drying	≤10.0						
PH value	6.5-8.5						
Paper Making Grade CMC							
Physical Form	White Powder						
Purity	95%						

Viscosity 4% soln. Mpa.s	16-2000						
Loss on drying	≤10%						
PH Value	6.5-8.0						
Degree of substitution	≥0.8						

Ceramic Grade CMC					
Item	Viscosity mPa.s(2%)	D.S≥	Purity% ≥	Loss after Dry% ≤	PH
Ceramic Body	100-500	0.7	80	10	6.5-8.0
	600-800				
	900-1200				
Ceramic Glaze	400-800	0.8	90	10	6.5-8.0
	900-1500				
	900-1300				
	1500-2000	0.9	95		
	400-800				
	500-1000				
	1000-1500	0.95			