

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:** Paper Making Industry**Description:****COSPAR[®]** CMC can be used for three process during paper making production:pulping, size press and coating.**COSPAR[®]** used in pulping process act as wet end additive that can help increase the strength of paper well.**COSPAR[®]** used in size press and coating process act as retention agent, dispersing agent that can regulate the rheology during coating process.**Mostly Popular Specifications for Paper Making Industry**

Product Type	Appearance	Viscosity,mPa.s (25°C, Brookfield)		Degree of Substitution (D.S)	Purity, %	pH, (25°C, 1% solution)	Loss on drying (H ₂ O), %
		Concentration	Viscosity range				
COSPAR 2	White to Yellowish Granular /White Powder	4	≤20	≥0.8	≥95	6.0-8.5	≤10.0
COSPAR 5		4	20-50		≥98		
COSPAR 10		4	50-200				
COSPAR 30		4	200-500				
COSPAR 40		2	100-200		≥95		
COSPAR 50		1	30-100				
COSPAR 100		1	100-200				
COSPAR 200		1	200-500				
COSPAR 500		1	500-1000				

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 ≤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.