

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: Toothpaste Industry

Description: TOPA®, as a very important raw materials in toothpaste production, can mix toothpaste liquid raw materials and solid raw materials together very well. It can also make toothpaste have a good shape-maintaining and unusual comfortable mouthfeel.

Mostly Popular Specifications for Toothpaste Industry

Product type Items	TOPA-E1	TOPA-E2	TOPA-E3	TOPA-E4	TOPA-E5	TOPA-E6
Viscosity of 2% solution mpa.s, (25°C, Brookfied)	500-1000	1000-1500	1500-3000	500-1500	300-800 *	800-1200 *
Appearance	White to off-white powder					
Degree of Substitution(D.S)	0.8-0.9	≥0.9	≥0.9	≥1.0	≥1.0	≥0.9
Purity, %	≥99.5					
pH(25°C, 1% solution)	6.0-8.5					
Loss on drying(H ₂ O),%	≤8.0					
Chloride(Cl),%	≤0.5					
NaCl & Na Glycolate, %	≤0.5					
Heavy Metal(Pt) %	≤0.001					
Fe, %	≤0.02					
As, %	≤0.0002					
Lead, %	≤0.0002					
Cadmium, %	≤0.0001					
Mercury, %	≤0.0001					
Total Plate count, cfu/gr	≤1000					
E-coli, cfu/gr	Negative					
Yeast and mould, cuf/gr	≤100					
Remark	* indicate 1% solution viscosity					

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.