



TANG ZHI TECHNOLOGY (HEBEI) CO., LTD

Technical Data Sheet

Sodium Carboxymethyl Cellulose(CMC)

Description:

CMC is a cellulose derivative with carboxymethyl groups(-CH₂-COOH) bound to some of the hydroxyl groups of the glucopyranose monomers that make up the cellulose backbone. It is often used as its sodium salt, sodium carboxymethyl cellulose.

Specifications:

Item	Specification
Appearance	White power / Off-white powder
CAS #	9004-32-4
2% Aqueous Solution Viscosity	≥700
Purity	≥70%
PH Value	6.5-8.5
Degree of Substitution	≥0.75
Weight Loss on Drying	≤10%

Application Range:

CMC as protective colloid, it will heighten stability of emulsion polymerization system to evenly scatter the additive of pigment.

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Applying in painting so as to impart it has good pigment adhesion effect. Sodium carboxymethyl cellulose can evidently improve the viscosity of painting latex, anti-splash and sag resistance of painting in order for enhancing the workability of painting.

- Construction painting - Water-based paint - Textile sizing
- Printing paste - Ceramic body - Ceramic glaze
- Oil drilling - Papermaking - Synthetic detergent

Packaging:

1. 25KGS/bag, OPP/PP/PE bag inside, craft paper bag/carton barrel outside
2. 20'FCL: 10 tons with pallets, 13 tons without pallets
3. 40'FCL: 24 tons with pallets, 28 tons without pallets

Storage and Shelf Life:

Sodium Carboxymethyl Cellulose should be moisture-proof, fire prevention, store in ventilate and dry environment.

Shelf life is 2 years.

Safety Notes:

The data above is in accordance with the present state of our knowledge, but don't absolve the users carefully checking it all immediately on receipt.

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