Sodium Carboxymethyl Cellulose Paper Grade Technical Data Sheet

Product Description

Sodium Carboxymethyl Cellulose is prepared from cellulose by treatment with alkali and monochloro-acetic acid or its sodium salt.

Main Specification

PARAMETER	SPECIFICATION	SPECIFICATION	SPECIFICATION
Product Grade	GAC-CMC-1	GAC-CMC-2	GAC-CMC-3
Purity	40±2	40±2	80
Viscosity(2% solution)	10-50 mpa.s	100-200mpa.s	5-10 mpa.s
Moisture	10%max	10%max	10%max
Degree of substitution （D.S）	0.6%min	0.6%min	0.8%min
PH	8-10	8-10	6-8
chloride(Nacl)	5%max	7%max	7%max
Loss on drying	35-40%max	35-40%max	10%max

Uses

In paper industry, CMC used in the pulping process, can improve the presence rate, increased wet strength; for surface sizing, pigment as excipients to improve internal bond strength, reduced dust printing, printing quality; with in paper coating, and is conducive to the flow of the pigment dispersion, enhancing the smoothness of paper, smoothness, printability, and optical properties. Generally recommended dosage 0.3-1.5%. In the paper industry and a wide range of practical value as an additive, mainly in the water-soluble

film-forming polymer and oil resistance.
● surface sizing , the paper has a high density, good resistance to ink permeability, and high smoothness of the wax sets.
● improve the paper cellulose viscous state, thereby enhancing the strength and folding paper.
● The color of the paper and the paper process, CMC help control paste fluidity and good ink absorption

Package:25kg paper bags with liner inside.