

Product Description - Super high D.S CMC

Description:

Super high D.S CMC is a special modified product of carboxymethyl cellulose sodium. Its degree of substitution (DS) is usually ≥ 1.2 , and the highest degree of substitution can reach 2.0. High-density carboxymethyl substitution gives it unique solubility, charge density and functionality, and it is widely used in medicine, food, industry and other fields. It has a pretty good performance in actual production process.



Main functions:

Super high D.S CMC can significantly improve the viscosity stability of dye slurry with its high charge density and molecular chain extension brought by the high degree of substitution. It makes the paste more fluid during high-pressure printing, and restore high viscosity when static, it could ensure that the dye adheres to the fabric accurately and reduce the bleeding. Its high degree of substitution gives the film stronger water resistance and antistatic properties.

Physical and chemical indexes (analytical methods are available, according to GB1886.232-2016) :

CMC Parameters

Type	Spec.
Appearance	White or yellowish powder
Moisture	10% max
Mesh size	As per customer requirement
D.S	1.2-2.0
Viscosity (1% solution Mpa.s)	5-2000 cps
Purity	95%min