

Product Description - Dispersible grade CMC

Description:

Dispersible CMC is a water-soluble polymer compound treated by surface modification technology, which is a functional variant of CMC. Its core feature is that it can be quickly dispersed and dissolved in cold or hot water, avoiding the agglomeration phenomenon caused by intermolecular hydrogen bonding of traditional CMC, and can usually form a uniform solution within 10-30 minutes. It is widely used in the paint field.



Main functions:

Dispersible CMC can replace traditional hydroxyethyl cellulose (HEC), effectively reducing costs by 50% while ensuring product leveling. By adjusting the viscosity and thixotropy of the paint, it can effectively prevent the sedimentation of colored sand, improve the spraying effect, and reduce splashing losses. Its rheological adjustment ability can optimize the thixotropy of the paint, so that the paint maintains high viscosity when stationary to prevent precipitation.

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

CMC Parameters

Type	PD30	PD40	PD50
Appearance	Dispersible white or yellowish powder		
Moisture	10%max		
D.S	0.9-1.0	0.9-1.0	0.8-0.9
Viscosity (Mpa.s)	1% solution		
	3000-4000	4000-5000	5000-6000
Purity	As per customer requirement		