

Product Description - CMC for Coating

Description:

CMC for coatings used is widely used water-based systems such as architectural coatings, latex paints, interior and exterior wall coatings, and other waterproof coatings, special functional coatings. It is one of the important functional additives in water-based coating systems. And it can be in interior and exterior wall paints, putty powder etc, to improve viscosity and prevent pigment settling.



Main functions:

CMC for coatings used is an essential additive in the coatings industry, where it can be used as a thickener, stabilizer and rheology modifier. By adjusting the viscosity of the system, Cellulose CMC improves the construction fluidity, reduces sagging, and ensures the uniformity of the coating. Its dispersion property enables pigments and fillers to be evenly dispersed in the paint, preventing them from precipitating and agglomerating during storage, thereby enhancing the stability and shelf - life of the paint.

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

CMC Parameters

Type	P30	P40	P50	PD30	PD40	PD50
Appearance	White or yellowish powder or granule			<u>Dispersible</u> white or yellowish powder		
Moisture	10% max					
D.S	0.9-1.0	0.9-1.0	0.8-0.9	0.9-1.0	0.9-1.0	0.8-0.9
Viscosity (<u>Mpa.s</u>)	1% solution			1% solution		
	3000-4000	4000-5000	5000-6000	3000-4000	4000-5000	5000-6000
Purity	As per customer requirement					