

Product Description - CMC for paint industry

Description:

CMC for paint industry is an important functional additive in water-based paints such as latex paint, architectural coatings, wood paints, etc. It has excellent thickening properties, rheology adjustment properties, suspension stability, etc. It can be used in interior wall latex paints and exterior wall paints, it can enhance the storage stability and construction fluidity, meet the coating requirements under different climatic conditions.



Main functions:

CMC for paint industry used to improve the rheological properties, suspension stability and application performance of paints and coatings. Its water solubility, film forming ability and compatibility with a wide range of formulation ingredients make it an essential ingredient in both water- and solvent-borne coatings. It can effectively increase the viscosity and thixotropy of the paint, improve the brushability and leveling property during construction, prevent the pigment from settling or separating in the paint during storage.

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					