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BENTONITE RHEOLOGICAL AGENT

Product introduction

This bentonite is used as aqueous thickening rheological agent, which is a refined, high-efficiency sodium bentonite product. It is a beige or light gray powder. Non-toxic, tasteless and soft.

It has excellent swelling, colloidal dispersibility, suspension, thickening and thixotropic properties in water. It has good thermal stability, can control the viscosity of the system and provide thixotropic properties. It has good anti-settling properties for pigments and fillers and improves emulsion stability.

Application

Waterborne adhesives; waterborne anticorrosive coatings; electrode position coatings; latex paints; other waterborne coatings; water based inks; polishing and cleaning agents; ceramics, ceramic glazes.

Technical data sheet

Items	Specifications
Appearance	Off white powder
Whiteness	≥ 70
Moisture	$\leq 10\%$
Apparent viscosity mPa.s (5%, 60rpm)	≥ 2800

How to use:

Weigh a certain amount of bentonite, slowly add to 25-30 ° C water under stirring, avoid agglomeration, adjust the rotation speed to 1000-1500 rpm, disperse for 20-30min, fully disperse Form a uniform gel that can be used directly, or reserve for 8-24 hours. It is recommended that the bentonite be pre-dispersed in water at a concentration of 5%. This is better than the direct adding of bentonite.

The concentration of the gel is determined by the stirring speed of the dispersing device and the viscosity of the product.

Package and store:

Packed in paper bags, the weight is usually 15±0.25kg. Stored under dry and ventilated conditions, the temperature is 0~30 °C, the validity period is 24 months.