

Hydroxyethyl cellulose Technical Data Sheet

Product Description

Hydroxyethyl cellulose (HEC) is a white or yellowish, odorless, non-toxic fibrous or powdery solids, is soluble nonionic cellulose ethers. Since the HEC has a good thickening, suspending, dispersing, emulsification, adhesion, film, protection of water and provide protective colloid and other characteristics, has been widely used in oil exploration, coatings, construction, medicine, food, textile, paper and polymer the art of polymerization reactions.

Main Specification

PARAMETER	SPECIFICATION
Appearance	White powder
pH	6.0-8.5
Moisture	10%max
Loss on drying	10%max
Viscosity(2% solution)	5-6000
Non Soluble matters	0.5%max
Residue on ignition	1.5%max
Ash	5%max
Degree of substitution	1.8-2.0

Uses

1. this method is the first candidate with a mother liquor with a higher concentration of the mother liquor, and then added latex paint. Advantages of this method is greater flexibility, the finished product can be directly added to the paint, but it should be properly stored. Step Process 1 1-4 section similar except that no high mix until completely dissolved into a viscous solution.

2. dubbed porridge was waiting to use the organic solvent for hydroxyethyl cellulose is a poor solvent, so use these organic solvents with porridge-like. The most commonly used organic solvent is an organic liquid paint formulations such as ethylene glycol, propylene glycol and film formers (such

as ethylene glycol or diethylene glycol butyl acetate resin). Ice is also a poor solvent, it is usually of ice water and the organic liquid used together with a porridge-like. Hydroxyethyl cellulose porridge was the paint can be added directly, hydroxyethyl cellulose has been Yan porridge-like bubble up points. When added to paint, it will immediately dissolve, and play thickening effect. After addition of still continuously stirring until completely dissolved hydroxyethylcellulose, homogeneous. General porridge was with six mixed with an organic solvent or ice into a hydroxyethyl cellulose, about 6-30 minutes, hydroxyethyl cellulose hydrolysis and then obviously made up. In summer the water temperature is too high in general, should not be used with a porridge-like.

Package:25kg bags with liner inside with liner inside