



石家庄科昊化工有限公司

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Technical Data Sheet

Item No.:WH-P200

Product Overview

Hydroxypropyl methyl cellulose ether(HPMC) is a non-ionic polymer prepared from natural polymer material cellulose as raw material. This product is non-toxic white powder that can dissolve in cold water to form a transparent viscous solution. It has characteristics such as thickening, adhesion, dispersion, emulsification, film formation, suspension, adsorption, gelation, surface activity, moisturizing, and protective colloid.

Application performance

Desc	Lever of improvement
Workability	good
Anti-sagging resistance	good
Thickening property	middle to high
cohesion	middle to high
water retention	high

Recommended Applications

The products are used in: tile adhesive, all kinds of dry mix mortar, all kinds of gypsum products, all kinds of foundation coating.

Cellulose can ncrease the adhesion of putty and prevent it from falling off. Cellulose molecules can form physical bonds with the surface of the substrate, making more secure. Improve construction performance and extend the service life of materials

operating guide

- 1.Mix well with other components in putty powder plant.
- 2.Dosage according to the total weight of the formula,the specific should be tested to determine whether it meets the application requirements;
- 3.At the construction site the mortar modified with the material should be mixed with quantitative amount of water beforuse.

Typical Data

Desc	Range
Appearance	White or similar white fibrous orgranular powder
Hydroxypropyl content , %	8-12
Methoxy(degree of substitution)	28-30
Ash Content(%)	<5
water 2% solution viscosity,mPa.s	55000-75000 Brookfield
Gel temperature,°C	65-75
PH	5.5-7.5

* The data listed above are typical only and should not be taken as an indication of the quality of the product

Packing/Storage&Transportation/Shelf Life

Standard Packing
25kg/Bag or 20kg/Bag
Prevent high temperature and pressure, especially high humidity

Shelf Life

Keep in dry and cool conditionsfor at least 12 months. If the product is stored beyond ittshelf life,testsshould be carried outto determine quality before use

product safety

Not classified as dangerous material under EU law;

For further information,see the Product Safety Data Sheet.

The above information and recommendations are based on our current experience and are for reference only. It does not exclude the responsibility of users to conduct their own