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MH 1501 (It is a product model of HPMC)

Technical Data Sheet

HPMC –MH 1501 is a non-ionic, water soluble cellulose ether. It improves the consistency, the stability, and the water retention of water based products.

Specifications

MH 1501 is a high viscosity hydroxypropyl methyl cellulose that can be dissolved in cold water, also known as HPMC / MHPC.

Physical data

Appearance: Whitish powder or granules

Particle size: 99% < 250μ m

Water Content: Max 5%

Ash Content: Max 3%

Methoxyl Content: 19–24%

Hydroxypropyl Content: 4–12%

Characteristics of aqueous solutions

pH (2% solution): Neutral

Viscosity (2% solution) cps: 18500–20500

MH1501 can be dissolved directly in cold water and the product disperses very quickly. It takes between 5 and 10 minutes for the product to completely dissolve in water, during which time the product becomes viscous.

Modifications

MH1501 has the following characteristics:

- Good dispersion in cool water.
- Good thickening effect.
- Safe and non-toxic.
- Good compatibility and system stability.
- Good emulsification and foam stability.
- Adjustable bodying speed.
- High transmission.

Typical Applications

Sterilized alcohol gel

Liquid hand soap

Shower cream

Shampoo

Washing cosmetic, Etc.

Packaging and Storage

The product is packed in multi-layer paper bags with an inner polyethylene bag. Net weight 25KG. The empty bags can be recycled or burned. In unopened bags, this product can last several years. In opened bags, the moisture content of this product will be influenced by air humidity.

CAS Number 9004-65-3

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