

# Hydroxypropyl Methyl Cellulose (HPMC)

## Technical Data Sheet

### Product Description:

**Hydroxypropyl Methyl Cellulose (HPMC)** are types of non-ionic cellulose ether, which is a powder of white to off white color, that function as a thickener, binder, film-former, surfactant, protective colloid, lubricant, emulsifier and suspension and water retention aid. In addition, there types of cellulose ethers exhibit properties of thermal gelation, metabolic inertness, enzyme resistance, low odor and taste, and PH stability. Due to the myriad of properties, HPMC is often used to substitute many other additives with lower concentration, making HPMC an incredibly efficient and effective additive in area of adhesives, construction, foods, household products, pharmaceuticals and etc.

### Function:

- \* Water retention
- \* Film-forming properties
- \* Emulsion stabilizer
- \* Thickener
- \* Architectural versatility
- \* Stable pH value

### Product Technical Data:

Appearance	White Powder
Hydroxypropyl, %	9.0-12.0
Methoxyl, %	29.0-31.0
Bulk density, g/l	380-450
Drying Loss Ratio, %	≤ 5.0
Viscosity, mPa.s 2% solution at 20°C	400-200,000
pH Value, 1% solution	5.0-10.0
Transmittance of Light, %	93-96

### Application:

- \*Detergents & cosmetic
- \*Exterior wall flexibility putty
- \*Tile adhesive
- \*Paper & textile industry
- \*Paint & coating
- \*Mortar
- \*Flexible putty for exterior wall polymer mortar
- \*Self-leveling floor materials

### Package:

In 25kg Compound triple paper-plastic square bottom value package. 12MT/20'FCL with pallets; 14MT/20'FCL without pallets

### Storage:

Do not damage during the transportation; Protect from humidity, rain, sunlight, damp and wet; Put in dry and ventilated place during storage

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