



# HPMC-06

## Technical Datasheet

## Hydroxypropyl Methyl Cellulose

### Product description

**ZHUOJUN® HPMC-06** is derived from highly pure refined cotton and is specially made of etherification under alkaline conditions. It is slightly off-white to beige odorless and tasteless powder in appearance.

ZHUOJUN® HPMC-06 is used primarily in various construction materials like external insulation and finish systems (EIFS), self-leveling flooring compounds, cement based plasters and masonry mortar where it is used as a rheology modifier, thickener, binder, film former and water retention agent.

### Specifications

Model No.	HPMC-06
Appearance	slightly off-white to beige powder without obvious coarse particle
Methoxy Content (%)	27.1-30.0
Hydroxypropyl Content (%)	4.0-7.5
Gelation Temp. (°C)	55.0-65.0
pH Value	4.0-8.0
Viscosity (NDJ, 20% aqueous solution, mPa·s)	100000; 150000; 200000
Viscosity (Brookfield, 20% aqueous solution, mPa·s)	50000; 65000; 75000

### Application range

- External insulation and finish systems (EIFS)
- Self-leveling flooring compounds
- Cement based plasters
- Masonry mortar

### Key properties

- Improves water retention
- Improves adhesive strength
- Improves slip resistance
- Improve construction efficiency



**Shandong Zhuo Jun Industrial Co., Ltd.**

## **Packaging and storage**

A. Standard packed in 25 KG per paper plastic composite bag

B. Big bags or other special packages are possible on request

Weight/20' container: approx. 12 metric tons with pallets, approx. 14 metric tons without pallets

Weight/40' container: approx. 24 metric tons with pallets, approx. 28 metric tons without pallets

Stored in its original packaging in a dry and place with temperature below 30°C.

It is recommended to use ZHUOJUN® HPMC within 6 months.

## **Safety notes**

The data presented above is in accordance with the present state of our knowledge, but don't absolve the user from carefully checking it all immediately on receipt. We reserve the right to alter product constantly within the scope of technical progress or new developments. The recommendations made above should be checked by preliminary trials because of conditions during processing over which we have no control of, especially where other companies' raw materials are also being used.