

Detergent Grade HPMC

CAS NO.:9004-65-3

Hydroxypropyl Methylcellulose (HPMC) Detergent Grade is white powder with good water solubility. Hydroxypropyl Methylcellulose (HPMC) Detergent Grade is surface treated through unique production process ,it can provide high viscosity with fast disperse and delayed solution. Detergent grade HPMC can be dissolved in cold water quickly and increase excellent thickening effect. Hydroxypropyl Methyl Cellulose (HPMC) can provide viscosity in all types of surfactant system. The powder surface has been treated through unique process, so it can be dissolved in the water quickly and has no agglomeration, flocculation or precipitation during dissolution.

HPMC Detergent Grade can be quickly dispersed in a solution mixed with cold water and organic matter. After a few minutes, it will reach its maximum consistency and form a transparent viscous solution. The aqueous solution has surface activity, high transparency, strong stability, and dissolution in water is not affected by pH. When Detergent grade HPMC can be dissolved in cold water quickly and increase excellent thickening effect. Hydroxypropyl Methyl Cellulose HPMC is used for detergent liquid ,hand sanitizer, Alcohol gel ,shampoo, washing liquid ,cleaning chemicals as thickener and dispersing agent.

Detergent grade hydroxypropyl methylcellulose is used in laundry detergent, it mainly acts as a stabilizing thickener, emulsifying stabilizer, and dispersing thickener, which can significantly increase the viscosity of the product and the ability to penetrate stains.

1. Chemical Specification

Specification	HPMC 60E (2910)	HPMC 65F (2906)	HPMC 75K (2208)
Gel temperature (°C)	58-64	62-68	70-90
Methoxy (WT%)	28.0-30.0	27.0-30.0	19.0-24.0

Hydroxypropoxy (WT%)	7.0-12.0	4.0-7.5	4.0-12.0
Viscosity(cps, 2% Solution)	3, 5, 6, 15, 50, 100, 400,4000, 10000, 40000, 60000,100000,150000,200000		

2. Product Grade:

Detergent Grade HPMC	Viscosity (NDJ, mPa.s, 2%)	Viscosity (Brookfield, mPa.s, 2%)
HPMC MP100MS	80000-120000	40000-55000
HPMC MP150MS	120000-180000	55000-65000
HPMC MP200MS	180000-240000	70000-80000

3. Main features :

Thickening / adjustment of consistency

Storage stability

High compatibility with other raw materials such as surfactants.

Good emulsification

High light transmittance

Delayed solubility for viscosity control

Fast cold water dispersion.

HPMC delayed solubility grades have important characteristics which make them appropriate as thickeners in cleaner formulations: Easy incorporation in the formulation, solutions of good clarity, good compatibility with ionic surfactants and good storage stability.



KIMA CHEMICAL CO.LTD

Add:Zhangdian,Zibo, Shandong, P.R.China

Tel: +86-533-6281218

Email:sales@kimachemical.com

www.kimachemical.com



4.Packaging

The standard packing is 25kg/bag

20'FCL: 12 ton with palletized; 13.5 ton unpalletized.

40'FCL: 24 ton with palletized; 28 ton unpalletized.