



Food grade cellulose ether



HPMC and other methyl cellulose series has adhesion, dispersion, thickening, emulsification, stability and film forming properties, as a food additive, HPMC is derived from natural cellulose, also has the characteristics of neither absorption by the human body nor metabolism by the human body, a large number of experimental studies have verified that HPMC and other methyl cellulose series products are safe for the human body.

When widely used in the coating material of tablets, it can significantly improve the stability of tablets, improve the solubility, and increase the waterproof performance of tablets. It can also be used as suspension agent, release agent and sustained release agent. In the food industry, it can not only be used as an emulsifier, binder, thickener or stabilizer, but also as a coating material, effectively reducing water loss and the amount of grease needed to make the taste fresh and crisp. When baking food, the gas can be retained to increase the volume and improve the texture of the food. It also has some properties such as enzyme resistance, emulsification stability and food molding.

Technical index	HPMC			MC	HPC
	E	F	K		
Methoxy content /%	28.0-30.0	27.0-30.0	19.0-24.0	27.5-31.5	/
Hydroxypropoxy content /%	7.5-12.0	4.0-7.5	4.0-12.0	/	≤10.0 , ≥55.0
Gel temperature /°C	58.0-64.0	62.0-68.0	70.0-90.0	50.0-55.0	/
Viscosity /mpa·s	5,15,50, 4000,40000	50,4000	100,4000, 15000,100000	15,4000, 15000,40000	5,15,50,4000
PH value (1%25°C)	5.0-8.5				
Dry weight loss rate /%	≤5.0				
Ash /%	≤1.5				
Heavy Metals (ppm)	≤20				

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Technical index	HPMC			MC	HPC
	E	F	K		
Cream and dessert	MH4000E-G	MH50F-G	MH4000-G MH15000-G MH100M-G	MC4000-G	/
Fried food	MH50E-G MH4000E-G	/	MH4000-G	/	/
Flavor and confectionery	MH15E-G MH50E-G	MH50F-G	MH100-G MH100M-G	/	/
beverage	/	MH50F-G MH4000F-G	MH100-G MH4000-G MH15000-G	/	/
Molded food	/	/	/	MC4000-G MC15000-G MC40000-G	/
Sauce/soup sauce	MH4000E-G	MH50F-G	MH100-G MH4000-G MH100M-G	MC15-G MC4000-G	HPC-J
Tablet coating	MH50E-G	MH50F-G	/	/	HPC-J
Tablet bonding	MH50E-G	MH50F-G MH100F-G	MH100-G	MC15-G	HPC-L
Plant capsule	MH5E-G	/	/	/	HPC-L
Eye drops	MH15E-G MH50E-G	MH50F-G MH4000F-G	MH4000-G	MC4000-G	/
Controlled release coating	MH50E-G	MH50F-G	MH100-G	/	HPC-J
Suspended liquor	/	MH50F-G	MH100-G MH4000-G	MC4000-G	HPC-M



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