



# Hangzhou Margarita Trading Company

## 杭州玛格丽塔贸易有限公司

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No: 0359  
Date:2016-3-22

### Ethylcellulose (EC)

CAS NO.	9004-57-3	
NAME	Ethylcellulose (EC)	
DESCRIPTION	EC is a kind of white to yellowish powder or particle product, being odorless and tasteless. Its ignition point is 330~360. EC is of very low hygroscopicity, good electrical property and high stability to light, heat, oxygen, damp and chemicals.	
	Chemical Name	Ethylcellulose (EC)
SPECIFICATION	Molecular Formula	[C <sub>6</sub> H <sub>7</sub> O <sub>2</sub> (OC <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> ] <sub>n</sub>
	Molecular Weight	/
	Ethoxy (WT%)	45.5-46.8(k grade) 47.5-49.5(N grade)
	Residue on ignition (WT%)	0.40
	Viscosity (mPa.s) (5% solution, 20)	4, 5, 7, 10, 20, 50, 70, 100, 150, 200, 300
	solubility	insoluble
	Loss on drying (%)	3.0
	Heavy metals (ppm)	20
	1 Industrial EC	
	EC can be widely used in various paintings, such as metal surface coating, paper product painting, rubber coating, heat-melt coating, and coating for integrated circuit (IC), etc., used in inks like magnetic ink, gravure ink and aniline ink, used as cold-resistant material, used in special plastics and deposits, for instance coated tape	



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### APPLICATIONS

for rocket propellant, used in insulation material and cable coating, used as macromolecular suspension polymerization dispersant, binder for hard alloy and ceramics, and used in textile industry as printing paste.

### 2 EC for Medicine

Since it is insoluble in water, EC is mainly used as tablet binder and film coating material, etc. It is also used as retarder of matrix material for preparing various types of matrix-sustained releasing tablets, used in hybrid material for preparing coating-sustained releasing agent or piller, and used in vitamin and mineral tablets as binder, releasing agent and moisture-proof agent.

### PACKING

20kg bag or 12.5kg fibre drum.

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