



Yil-Long Chemical Group Ltd

Celocell EM5H

Methylhydroxyethylcellulose – MHEC

Technical Data Sheet

CHARACTERISTICS: Celocell EM5H is a white or light gray pellet or fibril powder with odorless and tasteless. Its water keeping ability is better than MC and its stability in viscosity and anti-mildew is stronger than HEC. Celocell EM10H is soluble in hot and cold water.

APPLICATIONS: It can be used as thicker agent, suspending agent, adhesive agent, emulsification agent, coating agent, water keeping agent and protective agent. It's usable in plasters, renders, mortars, tile adhesives, joint compounds and emulsion paints.

TYPICAL PROPERTIES

Methoxyl Content (%)		24,5 ~ 28,0
Oxyethyl content (%)		1,5 ~ 9,5
Loss on drying (%)	MAX	5,0
Viscosity (mPa.s) 2% , 20 °C aqueous solution *		3.800 – 4.400
Residue on ignition (%)	MAX	3,0
Suspending pH Value		4,0 ~ 8,5

PHYSICAL PROPERTIES

40 screen past rate (%)	≥99
Vision density (lg/ml)	0.30 ~ 0.60

* Brookfield %2 solution at 20°C.

PACKAGING: 25 Kg's multi layer paper

STORAGE: Store in it cool and dry place.

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