

Celocell EM20H

Methylhydroxyethylcellulose – MHEC

Technical Data Sheet

CHARACTERISTICS: Celocell EM20H is a white or light gray pellet or fibril powder with odorless and tasteless. It can be used as thickener agent, suspending agent, adhesive agent, emulsification agent, coating agent, water keeping agent and protective agent. Its water keeping ability is better than MC and its stability in viscosity and anti-mildew is stronger than HEC. Celocell EM20H is soluble in hot and cold water.

TYPICAL PROPERTIES

| | | |
|---|-----|-----------------|
| Methoxy Substitution (%) | | 24,5 ~ 28,0 |
| Hydroxyethoxy content (%) | | 1,5 ~ 9,5 |
| Loss on drying (%) | MAX | 5,0 |
| Viscosity (mPa.s) 2% , 20 °C aqueous solution * | | 15.000 – 17.000 |
| 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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