



Carboxymethylcellulose

Methylcellulose

Hydroxyethyl Methylcellulose

Ethylcellulose

Carboxymethylcellulose

Handling Considerations

Hydroxyethyl cellulose

Poly(ethylene) Oxide

Hydroxypropyl
Methylcellulose

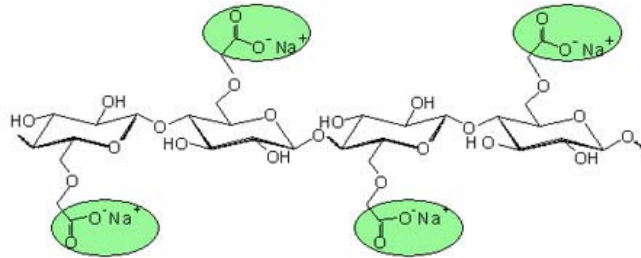
Nitrocellulose

Dow is one of the major producers of purified and highly purified sodium carboxymethylcellulose (CMC). This is a highly effective additive for improving product and processing characteristics in various fields, including food, technical applications and pharmaceuticals.

Cellulose is insoluble in water. Dow transforms the raw material into the sodium carboxymethylcellulose, which is soluble in hot or cold water.

Dow offers WALOCEL™ CRT at broad range of substitution levels. Rheology profiles of CMC grades vary from smooth-flowing aqueous solutions to stable gels.

Structure of WALOCEL™



Viscosity

To cater to the requirements of the many different applications, Dow offers a broad selection of CMC grades. The viscosity ranges from 10 mPa's to 100,000 mPa's as a two percent solution. Dow specifies WALOCEL™ CRT products using Brookfield viscometers at 25°C and WALOCEL™ CRT PV products using a rotary viscometer at 20°C.

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