

## Cellulose Gum

### Sodium Carboxymethyl Cellulose

product is a highly purified Sodium Carboxymethylcellulose(NaCMC), based on sustainably sourced cellulose.

#### Specifications

Sodium Chloride, dry basis (**)	≤ 0.4 %
Sodium CMC, dry basis (**)	≥ 99.5 %
Sodium content	7.5 – 9.0 %
Sulphated ash content	23.0 – 27.0 %
Viscosity, 1%, 25°C, Brookfield LV:3/60	300–700 mPa.s
Degree of substitution (**)	0.75–0.85
pH, 1% solution	6.5 – 8.0
Moisture, as packed (**)	≤ 8 %
Sodium Glycolate, dry basis (**)	≤ 0.4 %

#### Characteristics

Appearance	White to cream powder
Odor	Essentially odor free
Typical particle size	> 0.075 mm : 40-75%   > 0.5 mm : ≤ 2%

#### Notes:

Test methods are available upon request. Nouryon reserves the right to use company test methodology.

#### Applications

Product is a versatile additive due to its ability to retain water, thicken liquids, regulate flow properties, suspend and stabilize dispersion and act as a film forming agent.

#### Storage

Store in a roofed and well-ventilated area in the unopened original package. Shelf life for product is 36 months from the manufacturing date. However, as a result of a natural process the viscosity of Cellulose Gum may decrease in time. We guarantee that the product will meet the viscosity specification for 12 months after the indicated "Manufacturing Date". After these 12 months the product can still be used safely up to the indicated shelf life end date, but may need a slight dosage correction in order to give optimum performance in the application.

#### Packaging and transport

All packaging material complies with FDA and EU food contact legislation.

## Additional information

Product complies with the requirements contained in the following regulations and standards: Food Chemicals Codex, 21 CFR 182.1745 (US FDA), JECFA, Purity criteria in the current EU Regulations, Japan's Specifications and Standards for Food Additives and National Standard of the People's Republic of China. Product also conforms to the monographs of "Carmellose Sodium" or "Carboxymethylcellulose Sodium" in the current Ph. Eur. and USP/NF. Detailed description of monograph requirements can be found from following documents: Purity Specification for grades in food applications and Purity Specifications for grades in pharma applications. Product is manufactured according to recognized principles of good manufacturing practices. Product is Kosher and Halal certified. INCI name: Cellulose Gum. Suitable for vegan/vegetarian diets. HS Code 39123100.