

Cekol 2000 AG Cellulose Gum

Sodium Carboxymethyl Cellulose

Cekol® 2000 AG product is a highly purified Sodium Carboxymethylcellulose (NaCMC).

CAS number
9004-32-4

Specifications

Sodium Chloride, dry basis	≤ 0.4 %
Sodium CMC, dry basis (**)	≥ 99.5 %
Sodium content	8.0 – 9.5 %
Sulphated ash content	26.0 – 29.0 %
Viscosity, 2%, 25°C, Brookfield LV:3/30	1500 – 2500 mPa.s
Degree of substitution	0.85 – 0.95
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	> 0.355 mm : ≥60% > 0.8 mm : ≤2%

Notes:

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

Applications

High purity Cellulose Gums are typically applied in regulated industries including Food, Beverage, Personal care, Oral care and Pharmaceuticals. Cellulose gum 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

Stored in a covered and well-ventilated area and in original and unopened packaging the product has a shelf life up to 36 months calculated from the date of manufacture, which means the product can be safely used during this period. The product is based on a natural polymer, cellulose, which means that the viscosity may drop over time. We therefore only warrant that the product meets the product specification up to twelve (12) months calculated from the date of manufacture, even if all parameters of the product specification other than viscosity and moisture remains stable up to the indicated shelf life. Viscosity drop (if any) occurring after 12 months from the date of manufacture can be handled by slight dosage correction. The dosage correction to be determined by Buyer depending on application.

Packaging and transport

Packed in 20 kg paper bags with polyethylene inner liner. All packaging material complies with FDA and EU food contact legislation.

Safety and handling

Safety data sheet (SDS) available on request.

Certifications

Product is manufactured according to recognized principles of good manufacturing practices. Production facility is certified for the following standards: FSSC 22000, ISO 9001/14001. Cekol® products are Kosher and Halal certified.

Additional information

Cekol® cellulose gum is suitable for vegan/vegetarian diets. INCI name: Cellulose Gum. E number E466. HS Code 39123100. Cekol® 2000 AG 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. Detailed description of monograph requirements can be found from separate documentation for Cekol® grades. Cekol® 2000 AG 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 separate documentation for Cekol® grades.

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Nouryon, however, makes no warranty as to accuracy and/or sufficiency of such information and/or suggestions, as to the product's merchantability or fitness for any particular purpose, or that any suggested use will not infringe any patent. Nouryon does not accept any liability whatsoever arising out of the use of or reliance on this information, or out of the use or the performance of the product. Nothing contained herein shall be construed as granting or extending any license under any patent. Customer must determine for himself, by preliminary tests or otherwise, the suitability of this product for his purposes. The information contained herein supersedes all previously issued information on the subject matter covered. The customer may forward, distribute, and/or photocopy this document only if unaltered and complete, including all of its headers and footers, and should refrain from any unauthorized use. Don't copy this document to a website.

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