

CEKOL 4000 P Cellulose Gum

Sodium Carboxymethyl Cellulose

CEKOL 4000 P product is a highly purified Sodium Carboxymethylcellulose (NaCMC), based on sustainably sourced cellulose.

CAS number
9004-32-4

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 : ≤ 20% > 0.25 mm : ≤ 0.5%

Notes:

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

Applications

CEKOL 4000 P 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 CEKOL 4000 P 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

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

Additional information

CEKOL 4000 P 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. CEKOL 4000 P 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 Specifications for CEKOL grades in food applications and Purity Specifications for CEKOL grades in pharma applications. Product is manufactured according to recognized principles of good manufacturing practices. CEKOL 4000 P product is Kosher and Halal certified. INCI name: Cellulose Gum. Suitable for vegan/vegetarian diets. HS Code 39123100.

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.

For more information, please visit our website at www.nouryon.com.

The Nouryon logo is displayed in a bold, orange, sans-serif font. The letter 'N' is stylized with a vertical bar on its left side. The background of the page features two thin, grey, curved lines that sweep across the lower half of the page, creating a sense of motion and design.