



Cekol[®] Cellulose Gum

Food and beverage applications

CEKOL[®]

Nouryon

Cekol® Cellulose Gum

Sustainable Cellulose Gum innovations

Cekol® cellulose gum are multifunctional and their easy-to-tailor ability combined with cost efficient performance makes them an attractive choice for many food application.

Key benefits

- Improves mouthfeel and provides body
- Protects protein
- Provides dough strength
- Retains moisture
- Controls crystal growth
- Film forming capability
- Cold and hot water soluble
- Freeze and thaw stable
- Low caloric value

The key functionalities of Cekol® cellulose gum grades in some of the food and beverage applications are presented in the table below:

Application	Key functionality
Acidified protein beverages	Protects proteins in low pH environment Provides body and mouthfeel
Neutral protein beverages	Improves mouthfeel and adds body
Fruit flavored beverages	Stabilizes, provides body and mouthfeel, prevents oil ringing
Beverage mixes	Hydrates quickly, provides mouthfeel and stabilization
Bakery products	Extended freshness and shelf life Improves dough strength and stabilization
Gluten-free products	Retains moisture, increases shelf life and imparts texture
Processed meat	Processing aid (peeling, lubricating and binding) of sausage casing
Frozen desserts	Controls ice crystal growth, improves mouthfeel



Product overview

Versatile product portfolio for food and beverage applications

Cekol® cellulose gums come in a very wide range of viscosities and other characteristics. Cellulose gums can therefore be selected to precisely meet your desired mouthfeel, while also providing other critical functionalities such as stabilizing proteins and reducing fat absorption.

Cellulose gums are the most cost effective ingredients to replicate the taste and texture of fat, sugar and gluten, so consumers are always able to enjoy the sensations of even healthier options.

All Cekol® products are produced in our FSSC 22000 certified facility in Finland. Cekol® products are Kosher and Halal certified, suitable for vegan, and available with non-GMO certifications. Cekol® products are produced with renewable, biodegradable raw materials under high quality standards.

The Cekol® cellulose gum brand has been industry leading for decades and we continue to stay true to our reputation for sustainability, innovation and technical service for our customers and for the market.

	Product	Viscosity, mPa.s	Solution conc, %	Std	Powder form	
					Granular	Fine
Very low viscosity Cekol® grades	Cekol® 30	25 - 50	2	•		
	Cekol® 150	150 - 300	2	•		•
	Cekol® 150 A	150 - 300	2	•		
	Cekol® LVD	350 - 700	2	•		
Low viscosity Cekol® grades	Cekol® HVD	1000 - 2000	2	•		
	Cekol® 700	500 - 900	2	•		•
	Cekol® 2000	1500 - 2500	2	•	•	•
	Cekol® 2000 A	1500 - 2500	2	•	•	•
Medium viscosity Cekol® grades	Cekol® 4000	300 - 700	1	•		•
	Cekol® 10000	1000 - 1500	1	•		•
	Cekol® 20000	1500 - 2500	1	•		•
	Cekol® 30000	2500 - 3500	1	•	•	•
	Cekol® 30000 A	2500 - 3500	1	•		
	Cekol® 30000 B	2500 - 4500	1	•		•
	Cekol® 40000	3500 - 4500	1	•		•
High viscosity Cekol® grades	Cekol® 50000 W	4000 - 6000	1	•		
	Cekol® 50000	4500 - 7500	1	•		•
	Cekol® 100000	7500 - 10000	1	•		

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