Cellulose Derivatives

Carboxy Methylcellulose

HARKE
Food



Food

YOUR BENEFITS

- Acts as a thickener, suspending agent, and dispersion stabilizer
- Regulates flow properties and serves as a rheological control agent
- Provides water retention, essential in moisture-sensitive applications
- Functions as a film-forming agent with resistance to oils, fats, and organic solvents
- Serves as a bonding agent and protective colloid, ensuring stability and integrity



YOUR PARTNER FOR FUNCTIONAL INGREDIENTS

HARKE Food
Your Partner for Functional Ingredients

CELLULOSE DERIVATIVES

amtex

HARKE Food

Amtex products—primarily based on Carboxymethyl Cellulose (CMC) and other Cellulose Derivatives – offer multi-functional benefits across a wide range of applications. With more than 55 years of experience in the industry, Amtex has established itself as a trusted leader in cellulose derivative solutions.

They operate three manufacturing plants, two located in Colombia and one in Mexico, with a combined installed capacity exceeding 50,000 metric tons per year across multiple production lines. Their mission is to create innovative, customized solutions for the clients. They achieve this through collaborative, client-centric development processes that turn ideas into unique, high-performance products tailored to specific needs.

Viscosity

Type	%	CPS
F2 - 10	2	20 Max.
F2 - 30	2	20 - 50
F2 - 75	2	50 - 100
F2 - 300	2	100 - 500
F2 - 750	2	500 - 1000
F1 - 300	1	100 - 500
F1 - 750	1	500 - 1000
F1 - 2000	1	1000 - 3000
F1 - 4000	1	3000 - 5000
F1 - 6000	1	5000 - 7000
F1 - 8000	1	7000 - 10000

Particle Size

Type	Code	Particle Size
Coarse	C	10% Max. through 60 Mesh
Standard	-	5% Max. on 40 Mesh
Fine	X	5% Max. on 60 Mesh
Extrafine	XX	5% Max. on 60 Mesh

Degree of Substitution

Type	Code	D. S.
Degree of Substitution Standard	-	0.65 - 0.85
Degree of Substitution High	S	0.85 - 0.95

Moisture:
- Standard, fine and extrafine 8% max. when packaged
- Coarse grade 10% max. when packaged

Purity:
- 99.5 min.

pH:
- 6.5 - 8.5

Gluten-free | Vegetarian & Vegan | Filled & Formed | Fruit Fillings | Dressings & Sauces | Meat & Sausages | Bakery | Egg-free | Cheese | Health Food | Desserts & Ice Creams

HARKE Pharma GmbH
Business Unit Food
Xantener Straße 1
45479 Mülheim an der Ruhr
Germany

+49 208 3069 0
food@harke.com
www.harke.com/food

HARKE GROUP

10 | 2026