



Akucell[®] and Cekol[®] AFI CMC (Carboxymethyl Cellulose) for pet food

Introduction

Carboxymethylcellulose (CMC) is an anionic, water soluble, cellulose derivative with carboxymethyl groups. It works as a strong pellet binder to produce pellets with a superior durability and hardness at low inclusion levels.

It can partially substitute blood plasma protein and / or carrageenan in the formula for cost reduction.

CMC products

- Akucell AF 0305
- Akucell AF 2781
- Akucell AF 2785
- Akucell AF 3265
- Akucell AF 3275
- Cekol AFI 35000SB

Benefits

- Sustainable, cost effective and reliable alternative to guar gum
- Improves texture and consistency
- Effective at low concentration
- Recommended as binder and extrusion aid
- Dissolves easily in hot and cold water
- No effect on the smell and taste

Features

Moist foods

- Fast and efficient viscosity build up of gravy from coated kibbles
- Efficient thickening and water binding in canned pet food
- Improved binding of pate-like products
- Uniform distribution of fat and meat
- Keep feed freshness
- Cost efficient replacer to reduce blood plasma protein

Semi-moist foods

- Excellent extrusion aid
- Even distribution of fine particles

Dry foods

- Efficient thickening and water binding with reduced disintegration
- Moist holding
- Good texture



Packaging and transport

Packing multiply paper bags with an inner polyethylene bag. The shelf life is 3 years from date of production provided when the material is stored in the original bags under dry and cool conditions. The viscosity of cellulose gum may decrease slightly in time.

Safety and handling

Material safety data sheet (MSDS) available on request.

Certifications

Regulatory status product complies with current regulations of WHO/FAO, FCC and EC. Our Akucell and Cekol brands are GMP+ assured.



Additional information

Our production facility is certified for the following quality standards: FSSC 22000, ISO 9001/14001, OSHAS 18001, Kosher, Halal.

Contact us directly for detailed product information and sample request
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Nouryon

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