



Akucell[®] and Cekol[®] AFI CMC (Carboxymethyl Cellulose) as pellet binder

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 is best choice for duck feed to achieve superior Pellet Durability Index (PDI) and desired pellet hardness. Also to achieve water stability of shrimp pellets.

CMC products

- Akucell AF 0305
- Akucell AF 2785
- Akucell AF 3265
- Akucell AF 3275
- Cekol AFI 30000S
- Cekol AFI 35000SB
- Cekol AFI 5000S

Features

- Improves pellets integrity, durability and stability
- Reduces nutrient leaching and prevent fragmentation and abrasion of pellets during handling
- Effective at low inclusion levels
- Non-toxic at recommended inclusion levels
- Improve pellet quality in ruminant feed even with high fiber inclusion

Benefits

- Helps minimize production costs by reducing fines and dust (lower reprocessing costs)
- Nutritionally inert and does not react with nutrients in feed
- Supports easy handling and storing of feeds
- Offers flexibility of including high dust low cost feed ingredients to reduce feed formulation costs
- Dissolves easily in hot and cold water
- No effect on the smell and taste

Inclusion level

CMC is recommended at the rate of 0.5-1 kg per ton of feed depending on feed formulation and processing conditions.

Application

CMC is recommended to be added directly into the mixer. For best results, ensure accurate addition and thorough mixing of the product.



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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