

Acid Casein

Technical - First Quality

Product Description

Acid Casein obtained by precipitating of the casein fraction of milk protein with an acid. The precipitate is drained, washed with water, centrifuged and dried. **Acid Casein** contains at least 90% proteins (percent total dry matter) and not more than 2.5% minerals.

Qualities & Characteristics

- White to cream color
- Neutral flavor

Suggested Uses

Glue	Reversible adhesive property particularly in beer, champagne, and wine bottle labeling.
Paper	During manufacturing of paper extra quality industrial casein is added to the surface of paper to create a smoother surface (sizing) ideal for printing, especially in the laser printer paper industry.
Plasters and Cement	Speeds up hardening.
Luxury art paper	Binding and film forming effect, glossy appearance.
Galalith	Button-making.
Electronics	Replacer for polyols.

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Physical & Chemical Specifications

Moisture
Protein (N x 6.38) on dry basis
Protein as is
Fat
Ash
Free acidity
pH
Sediments in 25g
Insoluble

10% max
95% min
85% min
1.75% max
2.50% max
0.50 +/- 0.10
4.6 +/- 0.2
B
<1%

ANALYTICAL METHOD

IDF 78 B/1980
IDF 92/1979
IDF 92/1979
DSV VIII 4 A/1973
IDF 89/1979
IDF 91/1979
DSV CH VIII-12
IDF 107/1982
DSV CH VIII-10

Particle Size

30/60 Mesh 95% minimum must pass ASTM 29 sieve (630 microns)
15% maximum may pass ASTM 23 sieve (160 microns)
Mix Mesh 90% minimum must pass ASTM 29 sieve (630 microns)
90 Mesh 95% minimum must pass ASTM 24 sieve (200 microns)

Packaging

25kg bags, kraft paper multi-wall with inner polyethylene liner.

Deliveries on non-returnable pallets, with polyethylene coating are possible.

ON REQUEST: 600 to 1200 kg BIG BAGS, non-returnable

Storage & Shelf Life

To ensure best preserving in storage, the following conditions are required:

Temperature: +5°C to +25°C
Moisture: <65° RM
Shelf Life: 24 months

IMPORTANT NOTICE

Our contractual liability consists in supplying goods complying with the above-mentioned specifications, or with the specific customer's requirements. In case of failure to those specifications, acknowledged by us and notified us in due time, our warrant will be limited to the replacement of the faulty product. Our commitment cannot bind us in case of wrong utilization of our product. The buyer must follow the rules applied in the country where the product is used.