



INDUSTRIAL CORN STARCHES

Premium Native & Modified Corn Starches for Food and Industrial Applications

Product Presentation | Worldwide Export Logistics



THE PRODUCT

Our company specializes in the international supply of Premium Industrial Corn Starches, offering a complete portfolio of Native Corn Starch and Chemically Modified Corn Starches for food and industrial applications.

Our products are manufactured according to internationally recognized quality standards and are supplied to food manufacturers, paper mills, adhesive producers, textile companies, construction material manufacturers, pharmaceutical industries, and numerous industrial sectors worldwide.

With consistent quality, technical performance, and reliable supply, our starch products are designed to meet the demanding requirements of modern manufacturing processes.

PRODUCT PORTFOLIO

We supply a comprehensive range of industrial starch products, including:

Native Corn Starch

- Food Grade Corn Starch
- Industrial Corn Starch
- National Starch Grades
- Premium Food Processing Starches

Modified Corn Starches

- Cationic Starch
- Oxidized Starch
- Cross-Linked Starch
- Acid Modified Starch
- Thin Boiling Starch
- Pregelatinized Starch
- Hydroxyethyl Starch
- Hydroxypropyl Starch
- Cold Water-Soluble Starch
- Customized Modified Starches

Additional grades are available according to customer specifications and industrial requirements.



FOOD INDUSTRY APPLICATIONS

Our food-grade starches are widely used in:

- Sauces & Dressings
- Ketchup Manufacturing
- Mayonnaise
- Soups
- Instant Foods
- Ready Meals
- Dairy Products
- Yogurt
- Ice Cream
- Bakery Products
- Biscuits & Cookies
- Confectionery
- Noodles & Pasta
- Snack Foods
- Meat Processing
- Canned Foods
- Baby Food
- Beverage Industry
- Food Processing Plants

Native and modified food starches provide excellent thickening, stabilization, texture improvement, water retention, and extended shelf life.

PAPER INDUSTRY APPLICATIONS

Our starches are extensively used in:

- Paper Manufacturing
- Corrugated Board Production
- Kraft Paper
- Test Liner
- Fluting Paper
- White Top Liner
- Duplex Board
- Folding Box Board (FBB)
- Surface Sizing
- Internal Sizing
- Coating Formulations
- Wet-End Applications

Cationic starch is particularly recommended for improving paper strength, retention, drainage, printability, and production efficiency.



ADHESIVE & OTHER INDUSTRIAL APPLICATIONS

Adhesive Industry

Our starches are suitable for:

- Corrugated Box Adhesives
- Paper Tube Adhesives
- Paper Bag Adhesives
- Label Adhesives
- Packaging Adhesives
- Dextrin Production
- Industrial Glue Manufacturing

Other Industrial Applications

Our starches are also widely used in:

- Textile Industry
- Pharmaceutical Industry
- Cosmetic Industry
- Construction Chemicals
- Gypsum Board Manufacturing
- Foundry Industry
- Fermentation Industry
- Biodegradable Products
- Chemical Manufacturing

PRODUCT ADVANTAGES

Our premium starch products offer:

- High Purity
- Excellent Viscosity Stability
- Superior Thickening Performance
- Excellent Film Formation
- High Binding Strength
- Improved Water Retention
- Excellent Processing Stability
- Consistent Batch Quality
- Reliable Industrial Performance



PACKING, MOQ & LOGISTICS

Standard Packing

- 25 kg Kraft Bags
- 1,250 kg Q-BAG

Customized packing is available upon customer request.

Minimum Order Quantity (MOQ)

One (1) × 40 FT Container

Regular contract quantities are available for long-term customers.

Shipment & Logistics

Containerized shipments are available worldwide.

Shipment Terms include:

- EXW
- FOB
- CIF

According to customer requirements and destination.

We provide reliable logistics solutions to major international seaports worldwide.



EXPORT DOCUMENTATION & PAYMENT TERMS

Export Documentation

The following export documents can be provided:

- | | |
|-------------------------|--|
| • Commercial Invoice | • Certificate of Analysis (COA) |
| • Packing List | • Certificate of Quality |
| • Bill of Lading | • Certificate of Weight |
| • Certificate of Origin | • SGS or Equivalent Independent Inspection Certificate (if required) |

Additional documentation is available according to destination country regulations.

Payment Terms

We offer secure and internationally accepted payment methods:

100% Irrevocable Letter of Credit (L/C) at Sight

Issued by a reputable internationally recognized bank.

Or – 50% Advance Payment (T/T)

50% Balance Against Copy of Bill of Lading (B/L).

Alternative payment arrangements may be discussed for long-term business partners.

WHY CHOOSE OUR INDUSTRIAL CORN STARCHES?

- Complete Portfolio of Native & Modified Starches
- Food Grade & Industrial Grade Solutions
- Consistent Premium Quality
- Reliable Technical Performance
- Competitive Market Pricing
- Professional Export Documentation
- Flexible Global Logistics
- Worldwide Delivery
- Long-Term Business Partnership

Our Commitment

We are committed to supplying premium starch solutions that meet the highest international standards for quality, consistency, and performance.

By combining reliable sourcing, technical expertise, professional logistics, and responsive customer service, we help manufacturers optimize their production processes while building long-term partnerships based on trust, quality, and reliability.



INDUSTRIAL CORN STARCH — TECHNICAL DATA

It is a white colored product obtained by physical separation because of processing corn with the wet milling method, with a unique odor in powder form, suitable for use in the paper industry.

Areas of Use

It is used in Paper, Corrugated Cardboard, Textile Industry, Glue, Leather and Construction Industry.

PARAMETER	MIN.	MAX.	METHOD
Moisture [%]	9	13	130 °C in the oven, 1.5 hours
Protein [%]	-	0.45	Kjeldahl Method (%N x 6.25)
Sieve Analysis (150 µm) [%]	-	1.0	Vibratory Elimination
pH	4	6	Calibrated pH Meter
SO ₂ [ppm]	-	50	Iodine Solution Titration
Ash [%]	-	0.3	At 550 °C in Ash oven, min. 4 hours
Oil [%]	-	2.0	Soxhlet Extraction
Color	White	White	Visual, Solid
Water Resolution	Insoluble	Insoluble	Insoluble

MAX CATIONIC MODIFIED CORN STARCH — TECHNICAL DATA

Product Definition

This product is a cationic hot water-soluble corn starch suitable for various industrial applications and especially for paper surface treatments.

Areas of Use

It is used in Paper, Corrugated Cardboard, Textile Industry, Glue, Leather and Construction Industry.

PARAMETER	MIN.	MAX.	METHOD
Moisture [%]	9	13	130 °C in the oven, 1.5 hours
Nitrogen [%]	0.39	0.44	Kjeldahl Method
DS Substitution [%]	0.047	0.053	Kjeldahl Method
pH	5.5	7	Calibrated pH Meter
Ash [%]	< 2.5	< 2.5	At 550 °C in Ash oven, min. 4 hours

X CL-68 CROSS-LINK MODIFIED CORN STARCH — TECHNICAL DATA

Product Definition

It is a modified starch obtained by reacting starch with cross-link agents under appropriate conditions.

Areas of Use

It is used in Paper and Corrugated Cardboard Industry.

PARAMETER	MIN.	MAX.	METHOD
Moisture [%]	9	13	130 °C in the oven, 1.5 hours
Viscosity [cP]	600	800	Brookfield, Small Sample
pH	5.5	7	Calibrated pH Meter

STORAGE & SHELF LIFE

Storage

Smoking and welding/fire work should not be done in the area where Corn Starch is stored. It should be kept away from strong acids and oxidizers.

It should not be stored in humid environments; it should be stored in dry and cool storage conditions at approximately 25 °C.

Filling

The presence of substances that may cause dust in the environment should be prevented. For this purpose, ventilation and methods that will remove dust from the environment should be used.

Shelf Life

It should be stored in a dry and cool place for 24 months without opening the package.

Packaging Type

Stored and shipped in big bags.

Our Logistics and Financial Services

- We accept all internationally recognized payment methods, ensuring the rights of all parties (seller, buyer, brokers, etc.) are protected.
- Payment methods are depending on the product, quantities, and delivery destinations from country to country.
- We have extensive experience in shipping, as we handle both small shipments that are shipped in containers and large shipments that are transported by vessels.

Contact Us

Address: C / De Menorca, 7, Valencia 46023 - Spain

Email: info@gfgtrading.com

Tel: +34 624 192 094

Web: www.gfgtrading.com

