Texturizing Solutions: Serving customers across categories

	Starches	Soy*	Lecithin	Hydrocolloids**	FS
Bakery	•	•	•	•	•
Beverage	•	•		•	•
Confectionery	•	•	•	•	•
Convenience foods	•	•	•	•	•
Dairy	•	•	•	•	•
Fruit	•			•	•
Infant and Baby food	•		•	•	
Meat	•	•	•	•	•
Petfood	• native	•	•	•	•
Home Care	•			•	•
Industrial	•	•	•	•	•
Pharma	•	•	•	•	
Personal Care	•		•	•	

^{*:} only in AMCAS

^{**:} Alginates, carrageenans, guar gum, locust bean gum, pectins, xanthan gum, scleroglucan

Cargill Texturizing Solutions: We texturize your products

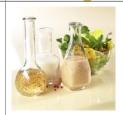
Carrageenans



Galactomannans



Xanthan gum



*: only in AMCAS

Pectins



Starches



Emulsifiers



Functional Systems



Lecithin



Maltodextrins



Alginates



Soy proteins*



Scleroglucan





From dough to filling to icing

Our capabilities cover all elements of bakery products



Cakes, biscuits, pastry

Freeze/thaw stability, volume, softness, conditioning, texture

Meringues, toppings

Sheen, freeze/thaw stability, bulk density, foam stability, aeration

Custards, creams and fat fillings

Cold solubility, texture, freeze/thaw stability, thermal stability

Grain-based goods

Freeze/thaw stability, volume, softness, conditioning



Alginates < Biopolymers < Carrageenans < Emulsifying agents < Galactomannans < Functional Systems < Maltodextrins < Lecithins < Native & Modified Starches < Pectins < Soy Proteins



From the basics to the sophisticated

We are an experienced advisor and supplier to the meat industry



Fresh products

Water binding, adhesive properties

Cured products

Thermal reversibility, controlled gelation, sheen, freeze/thaw stability

Emulsified products

Stability, water binding, fat and water retention, fat reduction, texture

Dried products

Preservation, color stabilization, taste

Fermented sausages

Preservation, fermentation control, color, stabilization, taste

Aspic jellies & coatings

Setting temperature, gelling and adhesive properties



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A multitude of different textures

Stabilizer systems for neutral dairy products



Neutral dairy desserts (hot / cold-filled)

Thickening, gelation, consistency, creaminess, demoldability

Mousses / toppings

Thickening, controlled thixotropy, creaminess, multi-layering

Chocolate / flavored dairy drinks

Stability, mouth feel, recombined milks

Fluid creams

Stability, overrun

Custards

Cold solubility, texture, freeze/thaw stability, thermal stability

Coffee whiteners, non-dairy creamers

Emulsification, carrier, stabilization



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Targeted textures in various process conditions

Stabilizer systems for acid dairy products



Yogurts / Cultured cream

Syneresis control, texture, smoothness

Sour cream / Direct acidification

Syneresis control, texture, smoothness

Acid dairy drinks / Drinkable yogurts

Stability, smoothness

Cheese & Processed Cheese

Stabilization, texture, flavor, shelf life



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The right stabilizers for ice-cream

For all fats, proteins, or processes



Ice creams & milk ices

Extrudability, meltdown delay, texture, ice crystal growth reduction, shrinkage limitation

Sorbets, sherbets

Overrun, texture, extrudability, smoothness

Frozen mousses

Overrun, freeze/thaw stability, texture

Water ices

Body, texture

Liquid mixes

Stability, texture, overrun

Powdered mixes

Texture, overrun



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Texture in a natural way

Fruit-based applications



Jams

Suspension, gel strength, spreadability

Icings, pastry glazes & fruit glazes

Thermal reversibility, controlled gelation sheen, freeze/thaw stability

Oven-stable jams & fillings

Thermal stability, optimum viscosity, sheen

Yogurt & frozen dessert fruit preparations

Stabilization, flowing ability, controlled post-reaction

Fruited sauces

Viscosity, freezing behavior, sheen

Reformed fruit & vegetables

Gelling and adhesive properties, consistency, mouthfeel



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Mouthfeel and stability

Beverage applications



Beverages

Mouthfeel, suspension, flavor enhancement

Beverage emulsions

Stabilization, Emulsification



Alginates < Biopolymers < Galactomannans < Functional Systems < Lecithins < Pectins < Modified Starches < Soy Proteins



Convenient for you

Stabilizer solutions for convenience food products



Cold & hot processed emulsified products

Emulsion stability, emulsification capacity, texture, resistance to process stress factors

Tomato-based, white sauces

Short & pulpy textures, freeze/thaw stability, milk protein synergy, heat stability

Margarine & spread

Consistency, stability, emulsification, improved mouthfeel

Ready-to-eat meals

Consistency, stability, emulsification, improved mouthfeel



Alginates < Biopolymers < Carrageenans < Emulsifying agents < Functional Systems < Maltodextrins < Lecithins < Native & Modified Starches < Pectins < Soy Proteins



Cargill Texturizing Solutions for Baby Food

A broad range of expertise



Infant Formulae

Nutrition, instantization, viscosity, anti-regurgitation, microbiological and food safety

Follow-on Formulae

Nutrition, instantization, viscosity, texture, microbiological and food safety

Baby Food

Stability, mouth feel, viscosity, flavor release, texture, emulsification, microbiological and food safety



Technical
Service

Maltodextrins < Lecithins < Native & Modified Starches



Sweet temptations

Improve chocolate and confectionery processing with a multitude of possibilities



Chocolate

Adjustment of viscosity and yield value, reduced fat bloom, creaminess, flexibility

Confectionery items

Controlled gelation, cohesiveness, flavor release, easy handling, emulsifying properties, slowdown of recrystallization, texture, release improvement, fat retention

Confectionery gums & jellies

Texture, stability, mouthfeel

Confectionery coatings

Stickiness, stability



Carrageenans < Emulsifying agents < Functional Systems < Lecithins < Native & Modified Starches < Pectins < Soy Proteins



Better for you

Texture in Pharma and Personal Care



Toothpaste

Stabilization, pseudoplastic behavior

Cosmetics

Stabilization, controlled gelation setting time, film forming

Pharmaceutical

Excipients, dispersants, dilutants, disintegrants, coatings, soft and hard capsules







Alginates < Biopolymers < Carrageenans < Emulsifying agents < Functional Systems < Lecithins < Locust Bean Gum < Pectins < Native & Modified Starches < Soy Proteins



From the Wet to the Dry

We can texture, stabilize without compromising on appetence



Wet Pet Foods - Pâtés types & Meat balls

Gelation, water binding, stability, protein source, meat reduction or replacement

Wet Pet Foods - Sauces

Gelation, stability

Wet Pet Foods – Covering sauces

Viscosity, thickening, covering textures, stability

Dry Pet Foods

Adhesive properties for appetence Extrusion properties, crunchiness, stability



Technical Service

Carrageenans < Emulsifiers < Galactomannans < Functional Systems < Native Starches < Soy Proteins



Our unmatched texturizing ingredients portfolio



- Hydrocolloids
- Functional Systems



Lecithins



- Starches
- Soy proteins*



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