

AGRO GUMSTM

SINCE 1979

Manufacturer & Exporter



Guar Gum E 412

Guarkernmehl

Goma guar

Gomme de guar

Gumy guar

Guargummi

Guarpitmeel

Guma de guar.



Cert No. 8527
ISO 22000:2005
ISO 9001:2008
GMP, Kosher, Halal
Certified

Applications



Guar Seeds



Guar Gum Splits



Guar Gum Powder



Guar Churi

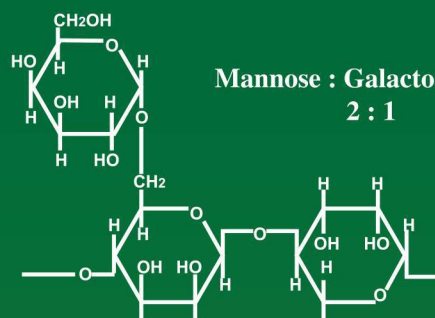


Guar Kurma

GUAR GUM POWDER (E 412)

(Guar Hydrocolloid)

- Natural Polysaccharide belongs to the family of galactomannans (leguminosae)
- Extracted from the endosperm of guar seeds "Cyamopsis Tetragonolobus" (family Leguminosae).



Mannose : Galactose Ratio
2 : 1

Regulatory Information :

- 21 Code of Federal Regulation : 184.1339
- HS-Code : 130.232.30
- CAS No. : 9000-30-0
- EEC No. : E412
- BT No. : 1302.3290
- EINECS No. : 232.536.8
- Imco-Code : Harmless

Application

- Frozen Foods
- Bakery / Confectionery
- Beverages
- Food
- Dairy Products
- Ketchup, Pickles and soups
- Pet Food
- Oil & Gas Well Drilling
- Mining
- Construction/Building
- Pharmaceuticals
- Paper
- Textile
- Tobacco
- Cosmetics
- Explosive Ind.
- Cattle Feed Ind.
- Water Treatment
- Agriculture
- Many More

General Specification

Color :	Off White / Ceramist.
Odour :	Odourless
Texture :	Free Flowing Fine Powder
Solubility :	Soluble in cold water

Particle size (Mesh)	100	200	300
VISCOSITY (1% Sol. Brookfield RVT Viscometer 25°C, Spindle No. 4, 20 rpm)	2500 Cps Min To 5000 Cps Max	3000 Cps Min To 9000 Cps Max	3500 Cps Min To 6000 Cps Max

FAST HYDRATION GUAR GUM POWDER

Viscosity	Grade - 1	30 Cps
Viscosity at 2% KCL Solution, with 0.48% Solution of Guar Gum Powder at FAN 35 Viscometer after 3 minutes on 300 RPM at 25°C	Grade - 2	35 Cps
	Grade - 3	40 Cps
	Grade - 4	45 Cps

Function

- Natural Thickener
- Emulsifier
- Stabiliser
- Bonding Agent
- Gelling Agent
- Soil Stabiliser
- Natural Fiber
- Fracturing Agent
- Moisture Retention Agent
- Sizing Agent

GUAR MEAL (Guar Churi & Guar Kurma)

- Husk of guar seed is known as a guar churi. It is in powder form and contains 35% protein (O+A).
- Germ of guar seed is known as a guar kurma. It is in crystal form and contains 50% protein (O+A).
- Used in cattle feed and poultry feed industries to increase protein & a substitute for soya bean meal.

GUAR REFINED SPLITS (Guar Gum Splits)

- We are manufacturing & exporting machine clean & sortex Guar Refined Splits in various countries.

AGRO GUMSTM

SINCE 1979

Plot : 636, G.I.D.C. Estate, Phase - IV, Vatva, Ahmedabad - 382445. GUJARAT - INDIA
Email : info@agrogums.com Visit us : www.agrogums.com
Phone : +91 79 2583 0659 Fax: +91 79 2589 1726

AGRO GUMSTM

SINCE 1979

Manufacturer & Exporter



Cassia Gum E 499 E 472

Cassiakernmehl

Goma cassia

Gomme de cassia

Gumy cassia

Cassiagummi

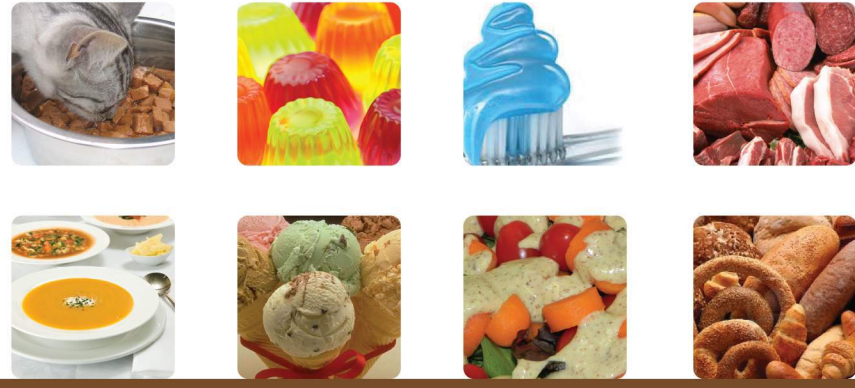
Guma cassia

Cassiapitmeel



Cert No. 6627
ISO 22000:2005
ISO 9001:2008
GMP, Kosher, Halal
Certified

Applications



Cassia Tora Seeds



Cassia Tora Splits
Cassia Gum Splits



Cassia Tora Powder
Cassia Gum Powder



Cassia Tora Meal



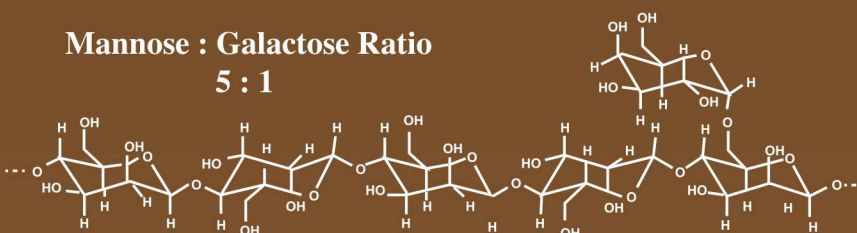
Refined Cassia
Gum Powder

CASSIA GUM POWDER (E 499, E 427)

(Cassia Hydrocolloid)

- Natural Polysaccharide belongs to the family of galactomannans (leguminosae)
- Extracted from Cassia Tora (Cassia Obtusifolia) seed endosperm.

Mannose : Galactose Ratio
5 : 1



Regulatory Information:

- CAS No. (Galactomannan) : 11078-30-1
- INS NO : 427
- EINECS No. : 234-299-6
- EEC No. : E499 / E 427

General Specification:

Colour :	Yellow / Off White- Ceramist.
Odour :	Odourless
Texture :	Free Fowing Fine Powder
Solubility :	Soluble In Hot Water

Particle size (Mesh)	60	100
Hot VISCOSITY 2 Hours (5% Sol. Brookfield RVT Viscometer 25°C, Spindle No. 4, 20 rpm)	50000 Cps Min	70000 Cps Min
Gel Strength (Gelling Properties)	500 Gram Min	500 Gram Min

Application

- Pet Food : Wet canned pet food
- Frozen Foods : Ice cream, Soft Serves, Frozen Cakes, Ice Milks, Sherbets Etc.
- Food : Heat treated Meat Containing Products
Water jellies, Edible ices, Soup, Processed Cheese
Sauces & Salad Dessings. Etc.
- Poultry Products
- Air Freshener Gel

Functions

- Gelling Agent
- Texturizing Agent
- Emulsifier
- Thickener
- Stabilizer
- Natural Fibre
- Bonding Agent

Gel (synergy) with Carrageenan or Xanthan Gum

- Cassia gum forms firm, thermoplastic gels with carrageenan. As the level of cassia gum is increased, the gel strength is also increase.
- Cassia gum combined with xanthan gum, aqueous dispersions of cassia gum form cohesive, elastic gels.

CASSIA MEAL (Cassia Tora Meal)

- Cassia Meal is husk and germ of cassia tora seeds and it is a cattle feed.
- Contain 30% protein (O+A) & Used in cattle feed industries to increase protein.

CASSIA TORA SEED & CASSIA TORA SPLITS

- We are manufacturing & exporting machine clean & sortex Cassia Tora Splits & Seeds in various countries.

International Listings

- Australia (AICS)
- United States TSCA
- Canada NDSL
- Korea ECL
- Europe EINECS

AGRO GUMSTM

SINCE 1979

Plot : 636, G.I.D.C. Estate, Phase - IV, Vatva, Ahmedabad - 382445. GUJARAT - INDIA
Email : info@agrogums.com Visit us : www.agrogums.com
Phone : +91 79 2583 0659 Fax: +91 79 2589 1726