

Guar Gum

Guar Gum & Derivatives

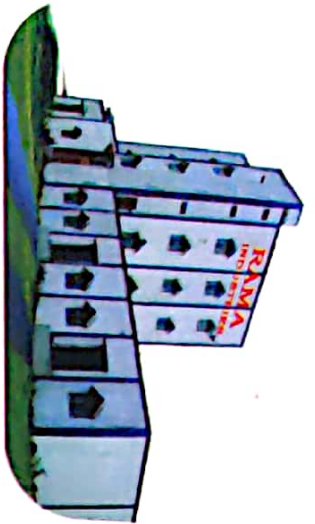


Inspiring excellence,
in all walks of Life.



RAMAGUM INDUSTRIES
INDIA LIMITED

www.ramagum.com



Ramagum Industries India Limited is an export oriented company incorporated in 1989.

Our voyage of excellence started with commissioning of India's first port based plant at Deesa Gujarat.

We launched our first manufacturing plant in the year **1989** and it has now achieved the status of no.1

exporter of agricultural products in European market. Our strategically located plants across Gujarat and

unmatched processing, Splitting and Pulverizing capacities helped us in achieving this amazing feat in very short time.

The overwhelming response of consumer has made us the undisputed market leader across the global.

We have successfully ventured response of consumer products like guar gum powder, guar meal, guar korma, guar roasted korma and many more.

Our mission "for a healthy growing countries" is a philosophy which thrives on touching lives of people by our products and offerings which inspires excellence in all walks of life.

Our Plant and Machinery

Our Plant and machinery is modern, highly sophisticated with modern pulverization and Automatic system with additional essential equipment's having blenders directly communicated with plant of capacity 160 Metric Tons in per day to provide homogeneous qualities. Now we have expanded to 2 separate plants ---1 especially for Food grade and 1 for technical and oil drilling grade. .

The manufacturing process is totally automatic, continuous without manual touch and finished goods directly go into the bags Pass into Metal Detectors and the bacterial growth is checked by Ultra Violet Light Exposure by using soft filtered water. Additional Features---Highly equipped

microbiological lab in our compound with all highly modern instrument having Fan Viscometer, RVT Brookfield viscometer, Dicky jones analyzer for protein, fat oil, fiber and starch etc.



Guar Gum and Guar Derivatives

A strong procurement network for good quality raw materials and Nine plant of the art manufacturing facilities have helped us consolidate our position as a leading exporter of Guar Gum and its Derivatives for more than two decade. One of our facilities is strategically located in north Gujarat Deesa, a region rich in Guar production and its derivatives is exported out of India. We are known for quality products conforming to the highest international standards. Our customer focused approach drives competitiveness and adherence to delivery schedules.





Ricol-Food Grade Guar Gum Powder

The products are recommended for use in instant foods like jellies, cakes, noodles, soups, sauces, and mayonnaise and tomato ketchup, for meat processing, used for fiber enrichment of food, caloric reduced bulking agent, texturizer, stabilizer, Thickener, Improver agent and fat extender that hydrates rapidly in cold and hot water system. Increases curd yield and makes curd. Helps to formulate healthy, fiber enriched foods without compromising on texture. The product finds uses in baby food, fruit juices, chocolate drinks, improves the mouthfeel of food products. It enhances the resilient body and texture desired in the finished cheese. Guar Gum Powder good use in ice cream and related products.

Ricol-Industrial Grade Guar Gum Powder

Ricol Guar Gum, either modified or unmodified, is a very versatile and efficient bio-polymer covering a wide range of industrial applications such as Oil drilling, Textile printing and Pet Food, Paper, Explosive, Water Treatment, Ore flotation, where its binding, thickening, film forming and lubricating factors are of great. Interest.

Ricol-Fast hydration Guar Gum Powder

The most common use of this product is to increase the production of oil & gas and is Used in industries like well drilling, oil & gas drilling. It is mostly used for applications Where quick hydration and high lethal viscosity is required. Fast hydrating guar gum powder used as a surfactant, artificial polymer and deformer which is perfect for all rheological necessities of water-based and brine-based drilling fluids. We offer our widespread range of fast hydration guar gum powder in order to grasp and Meet diverse supplies of our well-regarded customers. The product range on hand by our company is widely applauded in the market for its excellent features like transparency, safe and sound handling, long shelf-life and precise composition.

Packeing

Weight Of One Bag	Product Description	1x20' FCL Palletization & Screen raping	1x20' FCL Without Palletization
25 kg Net	Brown Multiwall 4 ply paper Bag with inside Liner	18 M.T.	20 M.T.
25kg Net	White Multiwall Single ply paper Bag with inside Liner	18 M.T.	20 M.T.
50 lbs. Net	RICOL Standard Packing	18 M.T.	20 M.T.
500 kg Net	JUMBO Bag	18 M.T.	20 M.T.
650 kg Net	JUMBO Bag	18 M.T.	19 M.T.
1000 kg Net	JUMBO Bag	19,400 M.T.	20 M.T.



Specification Of Ricol Guar Gum Powder												
Technical Specification	Ricol - 135	Ricol - 150	Ricol - 235	Ricol - 250	Ricol - 255	Ricol - 260	Ricol - 265	Ricol - 270	Ricol - 275	Ricol - 280		
Moisture	12 % Max	12 % Max	12 % Max	12 % Max	12 % Max	12 % Max	12 % Max	12 % Max	12 % Max	12 % Max		
Ph (1 % M)	5.5 - 6.5 %	5.5 - 6.5 %	5.5 - 6.5 %	5.5 - 6.5 %	5.5 - 6.5 %	5.5 - 6.5 %	5.5 - 6.5 %	5.5 - 6.5 %	5.5 - 6.5 %	5.5 - 6.5 %		
Gum Content	80 % Min	80 % Min	80 % Min	80 % Min	80 % Min	80 % Min	80 % Min	80 % Min	80 % Min	80 % Min		
Protein	5 % Max	5 % Max	5 % Max	5 % Max	5 % Max	5 % Max	5 % Max	5 % Max	5 % Max	5 % Max		
Ash Content	1 % Max	1 % Max	1 % Max	1 % Max	1 % Max	1 % Max	1 % Max	1 % Max	1 % Max	1 % Max		
Acid Insoluble Residue	3 % Max	3 % Max	3 % Max	3 % Max	3 % Max	3 % Max	3 % Max	3 % Max	3 % Max	3 % Max		
Fat	0.8 % Max	0.8 % Max	0.8 % Max	0.8 % Max	0.8 % Max	0.8 % Max	0.8 % Max	0.8 % Max	0.8 % Max	0.8 % Max		
Sarch	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
Grade Appearance	White Fine Powder	White Fine Powder	White Fine Powder	White Fine Powder	White Fine Powder	White Fine Powder	White Fine Powder	White Fine Powder	White Fine Powder	White Fine Powder		
Viscosities												
After 2 Hour	3000	4500	3000	5000	5500	5800	6200	6500	7000	7500		
After 24 Hour	3500	5000	3500	5500	5500>	6000>	6500>	7000>	7500>	8000>		
Granulometry												
Through 100 Mash	80 % Min.	80 % Min.	99 % Min.	99 % Min.	99 % Min.	99 % Min.	99 % Min.	99 % Min.	99 % Min.	99 % Min.		
Through 200 Mash	30 % Min.	30 % Min.	95 % Min.	95 % Min.	95 % Min.	95 % Min.	95 % Min.	95 % Min.	95 % Min.	95 % Min.		
Microbiological (Maximum Figure)												
Acrobite Plate Count/Gm	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000		
Molds & Yeast/Gm	300	300	300	300	300	300	300	300	300	300		
Coliform/Gm	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
Ecoli	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
Salmonella	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative	Negative		
Specification of ricol Spills												
Specification Of Ricol Guar Split												
Technical Specification	RICOL-90	RICOL-93	RICOL-96D	RICOL-98SD								
Dehusking %	90	93	96	98								
Moisture %	5 Max.	5 Max.	6 Max.	5 Max.								
Fiber	1 Max	1 Max	0.2 Max	0.2 Max								
Oil %	0.5 % Max.	0.5 % Max.	0.5 % Max	0.5 % Max.								
Ash %	0.50 Max	0.50 Max	0.50 Max	3.50 Max								
Glactomannan %	85.00 Min.	85.00 Min.	85.00 Min.	88.00 Min.								
Black Spots and Fragments %	0.5 Max.	0.5 Max.	0.2 Max.	0.2 Max.								
Go moldy	Absent	Absent	Absent	Absent								
Odour	Odourless	Odourless	Odourless	Odourless								
Albuminoids %	4.10%	4.10%	4 max	2 max								
Colour %	Pale White	Pale White	Pale White	Pale White								
Foreign Matters	0.05%	0.05%	0.05%	0.05%								
Specification of ricol Fast hydrating Guar Gum Powder												
Technical Specification												
Moisture	07.00 % Max											
Ph (1 % M)	7 To 8											
Gum Content	82 % Min											
Protein	05.00 % Max											
Ash Content	01.00 % Max											
Grade Apperance	Off White											
Viscosities												
T ime	Fan Visc In Cps	Fan Visc In Cps	Fan Visc In Cps									
3 Minutes	35 - 36 Cps	40 - 41 Cps	42 - 43 Cps									
60 Minutes	36 - 38 Cps	41 - 42 Cps	43 - 44 Cps									
120 Minutes	40 - 42 Cps	40 - 45 Cps	42 - 46 Cps									

Ricol- Guar Korma

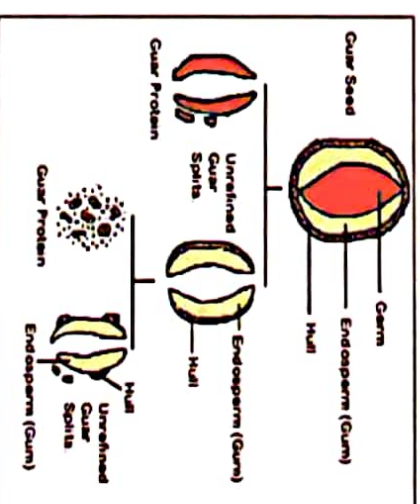
Guar Korma is a Bye-product while producing Guar Gum. It is known for its high nutritional content thus extensively used in cattle field. This Guar Korma is given to cattle mainly cows and buffalos for getting enhanced milk. Guar korma is a highest protein containing animal feed in its group, it is having up to 55 percent of protein [O+A] with a digesting content. Guar korma is rich in proteins and carbohydrates, and is a 100 percent natural agricultural product without the addition of any chemicals or preservatives. Processed guar korma can be used either in conjunction with other feed stuffs or by itself, as it is a complete nutritional feed.

Advantages

Free From Salmonella & alfa toxin and E.Coli
Free Flowing
Can Be used as a Binding agent
100% Non-GMO Product

Dosage

Poultry : 2+ _3%
Swine : 3+ _5%
Ruminants : 5+ _12%
Fish : 5+ _15%



Packeing

Weight Of One Bag	Product Description	1x20' FCL Palletization & Screen raping	1x20' FCL Without Palletization
25 kg. Net	PP Bag	18 M.T.	20 M.T.
50 kg. Net	PP & HDEP Bag	18 M.T.	21 M.T.
1000 kg Net	JUMBO Bag	20 M.T.	20 M.T.
20000 kg Net	Bulk Liner Bag	20 M.T.	20 M.T.



SPECIFICATION OF RICOL GUAR KORMA

Test Parameters	Korma 45 %	Korma 48 %	Korma 50 %	Clean Guar Korma 52 % To 55 %	Unclean Roasted Korma 50 % To 53 %	Clean Roasted Korma 56 % To 58 %	Clean Roasted Korma 58 % To 60 %	"Super"Roasted Guar Meal Korma
Moisture	05.00 % ± 1.00 %	05.00 % ± 1.00 %	05.50 % ± 1.00 %	05.00 % ± 2.00 %	05.00 % ± 2.00 %	04.00 % ± 1.00 %	04.00 % ± 1.00 %	04.00 % ± 1.00 %
Crude Protein (N*6.25)	47.00 % ± 2.00 %	50.00 % ± 2.00 %	52.00 % ± 2.00 %	54.00 % ± 2.00 %	52.00 % ± 2.00 %	58.00 % ± 2.00 %	60.00 % ± 2.00 %	61.00 % ± 1.00 %
Fat (Oil)	06.00 % ± 1.00 %	06.50 % ± 1.00 %	06.50 % ± 1.00 %	05.50 % ± 1.00 %	06.00 % ± 1.00 %	05.50 % ± 1.00 %	06.00 % ± 1.00 %	05.50 % ± 1.00 %
Cruid Fiber	06.00 % ± 2.00 %	06.00 % ± 2.00 %	06.00 % ± 2.00 %	06.00 % ± 1.00 %	06.50 % ± 1.00 %	04.50 % ± 1.00 %	04.00 % ± 1.00 %	04.00 % ± 1.00 %
Total Ash	05.00 % ± 1.00 %	05.50 % ± 1.00 %	05.00 % ± 1.00 %	05.00 % ± 1.00 %	05.50 % ± 1.00 %	05.00 % ± 1.00 %	05.00 % ± 1.00 %	04.50 % ± 1.00 %
Acid Insoluble ash(sand/silica)	00.50 % ± 0.40 %	00.50 % ± 0.40 %	00.50 % ± 0.40 %	00.50 % ± 0.40 %	00.40 % ± 0.30 %	00.50 % ± 0.30 %	00.40 % ± 0.30 %	00.40 % ± 0.30 %
Digestibility	92.00 % ± 2.00 %	93.00 % ± 2.00 %	93.00 % ± 2.00 %	92.00 % ± 2.00 %	92.00 % ± 2.00 %	95.00 % ± 3.00 %	95.00 % ± 3.00 %	96.00 % ± 2.00 %
Carbohydrates	40.00 % ± 5.00 %	40.00 % ± 5.00 %	40.00 % ± 5.00 %	50.00 % ± 5.00 %	40.00 % ± 5.00 %	30.00 % ± 5.00 %	30.00 % ± 5.00 %	40.00 % ± 5.00 %
Galactomannan	45.00 % ± 5.00 %	45.00 % ± 5.00 %	45.00 % ± 5.00 %	45.00 % ± 5.00 %	40.00 % ± 5.00 %	40.00 % ± 5.00 %	40.00 % ± 5.00 %	40.00 % ± 5.00 %
Oil & Albuminoid	50.00 % Min	53.00 % Min	55.00 % Min	57.00 % Min	55.00 % Min	60.00 % Min	63.00 % Min	65.00 % Min
Amino Acid Profile								
Lysine	2.56%	2.42%	2.61%	3.18%	2.54%	3.04%	2.98%	2.91%
Methio + Cystine	0.72%	0.42%	0.83%	1.00%	0.50%	1.00%	1.02%	1.07%
Arginine	5.45%	5.53%	5.36%	6.96%	6.96%	7.29%	7.36%	7.44%
Glycine + Serine	2.56%	2.71%	2.41%	2.54%	2.53%	4.52%	4.56%	4.49%
Isoleucine	1.61%	1.36%	1.78%	1.84%	1.68%	1.59%	1.53%	1.43%
Phenylalanine	1.95%	1.84%	1.81%	2.41%	2.15%	2.25%	2.34%	2.44%
Aspartic Acid	4.71%	4.84%	4.96%	6.55%	5.55%	6.48%	6.88%	6.56%
Proline	1.58%	1.45%	1.53%	1.85%	1.82%	2.01%	2.07%	2.43%
Tyrosine	1.64%	1.76%	1.47%	1.74%	1.70%	1.55%	1.62%	1.79%
Methionine	2.96%	2.83%	3.02%	0.54%	0.49%	0.60%	0.63%	0.63%
Threonine	0.03%	0.04%	0.03%	0.03%	0.03%	1.72%	1.56%	1.43%
Glycine	2.85%	2.78%	2.61%	3.60%	3.55%	3.72%	3.83%	3.79%
Histidine	1.25%	1.13%	1.43%	1.48%	1.40%	1.39%	1.45%	1.32%
Leucine	3.05%	3.11%	3.18%	2.40%	2.40%	2.59%	2.35%	2.57%
Valine	1.90%	1.81%	1.96%	2.54%	1.98%	1.93%	2.02%	2.11%
Glutamic Acid	9.24%	9.37%	9.58%	11.78%	11.41%	11.73%	11.84%	11.78%
Alanine	1.60%	1.79%	1.76%	3.60%	2.40%	2.59%	2.43%	2.62%
Tryptophan	0.52%	0.48%	0.44%	0.53%	0.52%	0.76%	0.81%	0.57%

Psyllium Husk

The husk of Psyllium is the actual coating of mucilage around the seed. It is considered pure dietary fiber and is the only part of the plant used in manufacturing Psyllium products.

Its nutritional value consists mainly of glycosides, proteins, polysaccharides, vitamin B1, and choline. Fiber content of over 80% compared to less than 15% for oat bran and 10% for wheat bran. The husk is composed mostly of a fiber called hemicellulose which is a complex carbohydrate found in whole grains, fruits and vegetables. Hemicellulose is indigestible however, it is partially broken down in the colon and feeds the friendly intestinal flora.

Psyllium Husk is separated from the seeds by a mechanical process where no Chemicals are used. Psyllium Husk is available mostly in four grade of purity i.e. 99% pure, 98% pure, 95% pure and 85% pure.



Psyllium Husk Powder

Mainly use in pharmaceutical formulations, lubricating laxative. Useful in the treatment of intestinal tract problems like constipation and other minor disorders. It is commercially used in Ice-creams as a substitute of sodium alginate as a stabilizer. Also used in fresh fruit drinks, Jam, Bread, Biscuits, Rice cakes, instant noodles, breakfast cereals, etc. Improves Softness and Texture, works as binder and stabilizer in pharmaceutical industry. To avoid the stickiness in throat and mouth, some companies prepare capsules for regular consumption

Packeing

1. PACKING: - IN MULTIWALL PAPER OR POLYPROPYLENE (PP) OR JUTE BAGS OF 50 KG; 25 KG & 50 LB. ALSO IN 5 10 LB POLY BAGS.
2. STORAGE :- STORE IN COOL, DRY AND DARK PLACE PREFEREBLY BELOW 15 C



PSYLLIUM HUSK				
Grade Name	RICOL 85%	RICOL 95%	RICOL 98%	RICOL 99%
Description	Pale-Buff-Coloured Husk. The Odour is not Marked	Pale-Buff-Coloured Husk. The Odour is not Marked	Pale-Buff-Coloured Husk. The Odour is not Marked	Pale-Buff-Coloured Husk. The Odour is not Marked
Taste	Blend Mucilaginous 10% Max.	Blend Mucilaginous 10% Max.	Blend Mucilaginous 10% Max.	Blend Mucilaginous 10% Max.
Swell Volume	Min. 50 Ml. /Gram 85%	Min. 45 Ml. /Gram 95%	Min. 40 Ml. /Gram 98%	Min. 40 Ml. /Gram 99%
Psyllium Mucilloid Content	4% Max.	4% Max.	4% Max.	4% Max.
Total Ash	1% Max.	1% Max.	1% Max.	1% Max.
Acid Insoluble Ash	0.5% Max.	0.5% Max.	0.5% Max.	0.5% Max.
Heavy Extraneous Matter	15% Max.	15% Max.	2% Max.	5% Max.
Insect Infestation	Not more than 100 insect fragments including mites and psocides per 25 grams	Not more than 100 insect fragments including mites and psocides per 25 grams	Not more than 100 insect fragments including mites and psocides per 25 grams	Not more than 100 insect fragments including mites and psocides per 25 grams
Mesh Size Limits	As per the buyer's requirements	As per the buyer's requirements	As per the buyer's requirements	As per the buyer's requirements
Sieve Analysis	As per the buyer's requirements	As per the buyer's requirements	As per the buyer's requirements	As per the buyer's requirements
PSYLLIUM HUSK POWDER				
Grade Name	RICIL - P - 85%	RICOL - P - 95%	RICOL - P - 98%	RICOL - P - 99%
Description	Pale-Buff-Coloured Husk. The Odour is not Marked	Pale-Buff-Coloured Husk. The Odour is not Marked	Pale-Buff-Coloured Husk. The Odour is not Marked	Pale-Buff-Coloured Husk. The Odour is not Marked
Taste	Blend Mucilaginous 10% Maximum	Blend Mucilaginous 10% Maximum	Blend Mucilaginous 10% Maximum	Blend Mucilaginous 10.5% Maximum
Swell Volume	Not less than 45 ml/gm	Not less than 55 ml/gm	Not less than 70 ml/gm	Not less than 75 ml/gm
Psyllium Mucilloid Content	85% Minimum	95% Minimum	98% Minimum	99% Minimum
Total Ash	4.5% Maximum	4% Maximum	4% Maximum	4% Maximum
Acid Insoluble Ash	1% Maximum	1% Maximum	1% Maximum	1% Maximum
Heavy Extraneous Matter	0.5% Maximum	0.5% Maximum	0.5% Maximum	0.3% Maximum
Light Extraneous Matter	15% Maximum	5% Maximum	2% Maximum	1% Maximum
Insect Infestation	Not more than 100 insect fragments including mites and psocides per 25 grams	Not more than 100 insect fragments including mites and psocides per 25 grams	Not more than 100 insect fragments including mites and psocides per 25 grams	Not more than 100 insect fragments including mites and psocides per 25 grams
Mesh Size Limits	As per the buyer's requirements	As per the buyer's requirements	As per the buyer's requirements	As per the buyer's requirements
Sieve Analysis	As per the buyer's requirements	As per the buyer's requirements	As per the buyer's requirements	As per the buyer's requirements
MICROBIOLOGICAL				
TOTAL YEAST MOLD COUNT	NMT 5,000 CFU/Gm.	NMT 5,000 CFU/Gm.	NMT 5,000 CFU/Gm.	NMT 5,000 CFU/Gm.
E. COLI	ABSENT	ABSENT	ABSENT	ABSENT
SALMONELLA	ABSENT	ABSENT	ABSENT	ABSENT

Ricol- Guar Meal (High Protein Natura Plant for Animal Feed

Processed Guar Meal (Fodder) is a high protein animal and poultry Feed stuff. Guar Meal is the by-product obtained after guar gum is extracted from the guar seed (Cyamopasis Tetragonoloba) of leguminous plant. It is processed by toasting at high temperature to remove natural trypsin inhibitor. This enhancing its nutritive value and digestibility. It is rich in protein and carbohydrates, and is a 100% natural agricultural product without the addition of any chemicals or preventives, Non-GMO product. Processed guar meal (Fodder) can be used either in conjunction with other feed stuffs or by itself, as it is a complete national feed.

Advantages

Free From Salmonella & alpha toxin and E. Coli
Free Flowing
Can Be used as a Binding agent
100% Non-GMO Product
Contains minimum 45% of "0

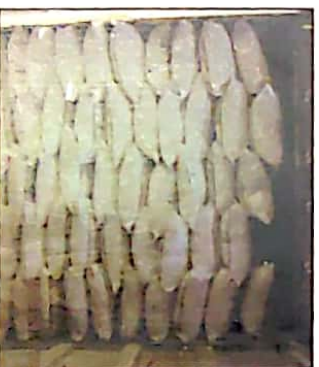
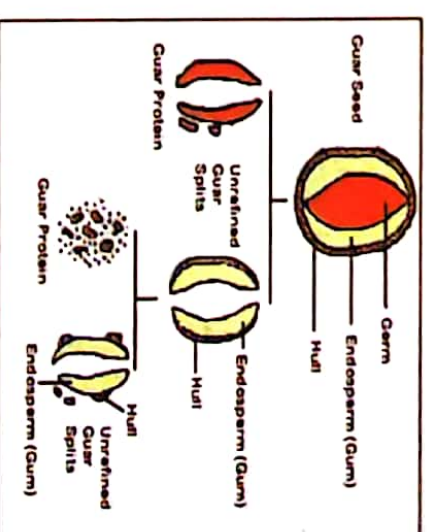


Dosage

Poultry : 2+ 3%
Swine : 3+ 5%
Ruminants : 5+ 12%
Fish : 5+ 15%

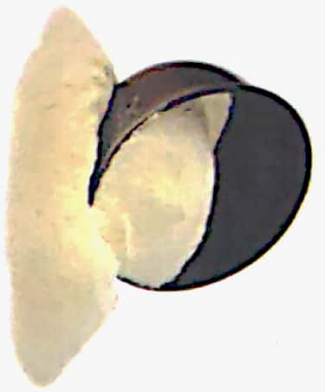
Packeing

Weight Of One Bag	Product Description	1x20' FCL Palletization & Screen raping	1x20' FCL Without Palletization
25 kg. Net	PP Bag	18 M.T.	20 M.T.
50 kg. Net	PP & HDEP Bag	18 M.T.	21 M.T.
1000 kg Net	JUMBO Bag	20 M.T.	20 M.T.
20000 kg Net	Bulk Liner Bag	20 M.T.	20 M.T.



SPECIFICATION OF RICOL GUAR MEAL (CHURI)

Test Parameters	Guar Meal 38 %	Guar Meal 40 %	Extra Clean Guar Meal 45 %	"Super" Guar Meal
Moisture	06.00 % ± 1.00 %	05.00 % ± 1.00 %	05.00 % ± 1.00 %	02.00 % ± 1.00 %
Crude Protein (N*6.25)	40.00 % ± 2.00 %	42.00 % ± 2.00 %	46.00 % ± 1.00 %	61.00 % ± 1.00 %
Fat (Oil)	06.00 % ± 1.00 %	06.50 % ± 1.00 %	06.00 % ± 1.00 %	05.00 % ± 1.00 %
Cruid Fiber	06.50 % ± 1.00 %	06.00 % ± 1.00 %	05.50 % ± 1.00 %	01.50 % ± 0.50 %
Total Ash	06.00 % ± 1.00 %	06.00 % ± 1.00 %	05.00 % ± 1.00 %	02.50 % ± 0.50 %
Acid insoluble ash(sand/silica)	01.00 % ± 0.50 %	06.00 % ± 1.00 %	00.50 % ± 0.40 %	00.30 % ± 0.20 %
Digestibility	80.00 % ± 5.00 %	85.00 % ± 5.00 %	85.00 % ± 5.00 %	97.00 % ± 2.00 %
Carbohydrates	50.00 % ± 5.00 %	50.00 % ± 5.00 %	40.00 % ± 5.00 %	40.00 % ± 5.00 %
Galactomannan	50.00 % ± 5.00 %	50.00 % ± 5.00 %	45.00 % ± 5.00 %	40.00 % ± 5.00 %
Oil & Albuminoid	44.00 % Min	45.00 % Min	50.00 % Min	65.00 % Min
Amino Acid Profile				
Lysine	1.86%	1.98%	1.44%	1.58%
Methio + Cystine	0.93%	1.00%	0.84%	0.73%
Arginine	5.65%	6.00%	5.76%	5.89%
Glycine + Serine	1.78%	1.90%	2.24%	2.29%
Isoleucine	1.44%	1.54%	1.67%	1.78%
Phenylalanine	2.44%	2.50%	1.98%	2.03%
Aspartic Acid	5.02%	4.90%	4.98%	4.77%
Proline	2.11%	2.95%	2.02%	1.86%
Tyrosine	1.45%	1.75%	1.84%	2.11%
Methionine	0.49%	0.52%	0.44%	0.53%
Threonine	1.02%	1.30%	1.37%	1.44%
Glycine	1.83%	1.90%	1.76%	1.92%
Histidine	1.56%	1.40%	1.11%	1.01%
Leucine	3.84%	4.00%	4.12%	3.84%
Valine	2.17%	2.10%	2.02%	1.98%
Glutamic Acid	11.56%	11.40%	11.50%	11.61%
Alanine	2.00%	2.35%	2.18%	1.99%



Ricol-Food Grade Guar Gum Powder

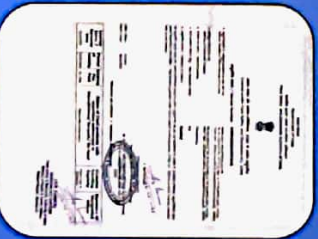
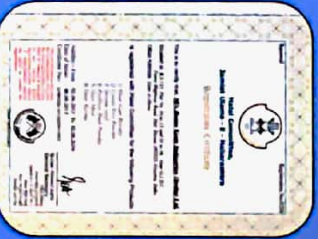
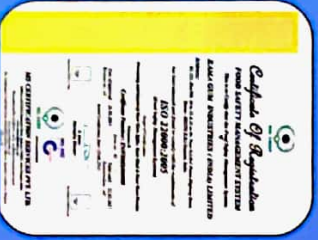
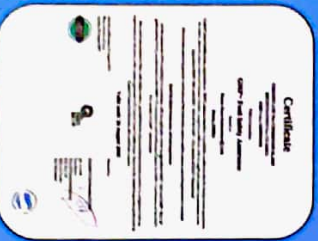
The products are recommended for use in instant foods like jellies, cakes, noodles, soups, sauces, and mayonnaise and tomato ketch-ups, for meat processing, used for fiber enrichment of food, calorie reduced bulking agent, texturizer, stabilizer, Thickener, Improver agent and fat extender that hydrates rapidly in cold and hot water system. Increases curd yield and makes curd. Helps to formulate healthy, fiber enriched foods without compromising on texture. The product finds uses in baby food, fruit juices, chocolate drinks, improves the mouthfeel of food products. It enhances the resilient body and texture desired in the finished cheese. Guar Gum Powder good use in ice cream and related products.

Ricol-Industrial Grade Guar Gum Powder

Ricol Guar Gum, either modified or unmodified, is a very versatile and efficient bio-polymer covering a wide range of industrial applications such as Oil drilling, Textile printing and Pet Food, Paper, Explosive, Water Treatment, Ore flotation, where its binding, thickening, film forming and lubricating factors are of great. Interest.

Ricol-Fast hydration Guar Gum Powder

The most common use of this product is to increase the production of oil & gas and is Used in industries like well drilling, oil & gas drilling. It is mostly used for applications Where quick hydration and high lethal viscosity is required. Fast hydrating guar gum powder used as a surfactant, artificial polymer and deformer which is perfect for all rheological necessities of water-based and brine-based drilling fluids. We offer our widespread range of fast hydration guar gum powder in order to grasp and Meet diverse supplies of our well-regarded customers. The product range on hand by our company is widely applauded in the market for its excellent features like transparency, safe and sound handling, long shelf-life and precise composition.





Since
1989

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