Regd. Office:

Tiecicon House, Dr. E. Moses Road, Mahalaxmi, Mumbai - 400 011, India

Phone : +91-22-39890909
Fax : +91-22-24938737
E-mail : ieil@ionexchange.co.in
Website : www.ionindia.com

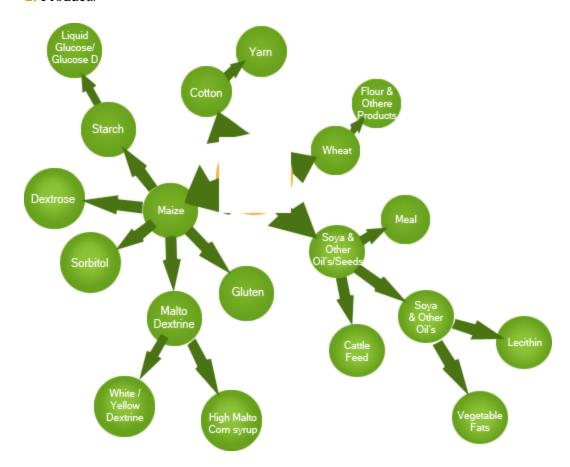


Gujarat Ambuja Exports – Himmatnagar, Ahmedabad

1. Plant Commissioned

- 1986

2. Products



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3. Production

Corn V	Cassava Potato V	Native Starch V							
Cleaning									
Steeping Washing									
Milling	Rasping								
Separation	Extraction								
Concentration									
Refining		Slurry preparation							
Purified starch milk									
		Prepara tion	Liquefaction						
			Saccharification						
			Refining						
			Ion exchange						
		Reaction	Hydrolysate						
				Evaporation					
				Crystal lisation	Hydro genation	Isomer	isation		
				Separa tion		Refi	ning		
						Ion exc	hange		
		-				Evapora tion			
		Finishing				Enrich ment			
					lon ex	exchange			
Drying				Evaporation					
Granular Starch			Hydrolysed Starch products						
Native Corn Starch	Native Tuber Starch	Modified Starch	Malto dextrin	Dextrose Mono hydrate	Sorbitol	HFSS 55	HFSS 42	High DE Glucose Syrup	Glucose Syrup

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Maize Starch Typical Specifications

PropertyMaize StarchAppearanceWhite Powder

Appearance White Powde Odour Odourless
PH(10%ag. slurry) 4.5-7.0
Particle size:no Retention at 85 mesh

Moisture% 10.0 to 12.0 Starch content on dry basis 98% Min

Total Ash on DB cold water 0.25% Max

Solubility 0.4% Max

Viscosity(Redwood v iscometerNo1, 3% paste at 75 c) Viscosity by BFV at 20rpm,5%paste 36-45 sec

cooked at 75c for 30min 800-100 cps
Protein conent 0.6% Max

Customized specification can also be achieved

4. Resin being used since commissioning

- Indion -225 & Indion - 860

5. Ash content – Feed Treated Glucose - 1 % as NaCl - 0.2 % as NaCl

SAC	WBA
2	2
1800 x 2200	1800 x 3200
Indion 225	Indion - 860
3420	4050
342 - HCL	405 - NaOH
100	100
11	11
45	45
	2 1800 x 2200 Indion 225 3420 342 - HCL 100