



PURE-DENT[®] B700

Food Corn Starch

DESCRIPTION

PURE-DENT[®] food corn starch is a dent corn starch produced from corn of U.S. origin. This product is designed to provide general thickening characteristics that require heat in order to hydrate the intact granules.

REGULATORY

PURE-DENT[®] food corn starch products meet the requirements outlined in the Food Chemical Codex (FCC) monograph for Food Starch, Unmodified. The correct labeling is “corn starch”, but all label declarations should be reviewed with appropriate legal counsel.

PACKAGING, STORAGE AND SHELF LIFE

- Packaged in 50-pound net, multiwall, kraft bags; 2,000-pound tote bags.
- Store under ambient conditions; protect from excessive heat and excessive humidity for extended periods of time. Under these storage conditions, the shelf life is expected to be a minimum of three years.

PRODUCT ATTRIBUTES

- General thickening agent
- Low hygroscopicity
- Limited pH, heat and shear stability
- Excellent diluent, binder and carrier

APPLICATIONS

- Thickening agent for “heat and eat” preparations such as puddings, soups, sauces and gravies
- Texture modification for salad dressings
- Tablet and capsule diluent, binder and disintegrant

Technical Information

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STANDARD SPECIFICATIONS*

• Moisture, %	12.5 max.
• pH	5.0-7.0
• Ash (residue on ignition), %	0.5 max.
• Protein, %	0.35 max.
• Aerobic Plate Count, CFU/g	10,000 max.
• Yeast/Mold, CFU/g	400 max.
• <u>E. coli</u>	Negative/10 g
• Salmonella	Negative/375 g

* Any specification different from or not listed above must be agreed upon between the customer and Grain Processing during specification approval.

TYPICAL NUTRITIONAL INFORMATION

Values per 100 grams of product

Calories	360
Total Fat	0 g
Saturated Fat	0 g
Trans Fat	0 g
Protein	0.3 g
Total Carbohydrate	89.5 g
Total Sugars	0 g
Added Sugars	0 g
Dietary Fiber	0 g
Sugar Alcohols	0 g

Vitamin D	<1 mcg
Calcium	15 mg
Iron	<1 mg
Sodium	10 mg
Potassium	5 mg
Magnesium	5 mg
Phosphorus	15 mg

Mandatory Nutrition Facts listed in bold

The above information is considered to be typical and not part of the product specification.

NOT a significant source of:

Vitamin A	Vitamin C	Vitamin E	Vitamin K
Thiamin	Riboflavin	Niacin	Vitamin B6
Folate	Vitamin B12	Biotin	Pantothenic Acid
Chromium	Copper	Iodine	Manganese
Molybdenum	Selenium	Zinc	

Each value represents the average analyses performed using samples from several product lots. All nutrient data is reported for 100 grams of "as is" product, assuming 10 percent moisture and 89.5 grams of carbohydrate.

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