



Ingredion™

technical specification

EXPANDEX™ 16090100

Modified tapioca starch for use in baking applications. Specifically designed to aid in substrate expansion during the baking process. Develops products with better internal textures and a crunchy outer layer. This product does not contain gluten from wheat, oats, rye or barley.

Chemical and Physical Properties

	Min.	Max.
Moisture, %	11.5	14.0
pH	5.0	7.0

Sensory Data

Odor	Standard
Flavor	Standard
Physical Appearance	Fine Powder

Microbiological Standards

	Max.
Total Aerobic Microbial Count, cfu/g	5000
Total Combined Yeast and Mold, cfu/g	100
E. coli/g	Negative
Salmonella/25g	Negative

Nutritional Data/100 g

	Typical
Calories	353
Calories from fat	0
Total Fat, g	<0.1*
Cholesterol, mg	0
Sodium, mg	308
Total Carbohydrate, g	88.3
Dietary Fiber, g	0
Total Sugars, g	<0.1*
Added Sugars, g	0
Other Carbohydrate, g	88.3
Protein, g	<0.1*
Vitamin D, mcg	0
Calcium mg	21
Iron, mg	0.9
Potassium, mg	<12*
Ash, g	<0.3

Expandex™ Modified Tapioca Starch does not contain gluten from wheat, oats, rye or barley.

Certification

Kosher Pareve

Packaging and Storage

Multilayered paper bags 12kg/26.5 lbs.

Shelf Life

24 months.

Store in a cool, dry ventilated place. Free from external agents that may contaminate with odor or taste. Keep dry.

Regulatory Data

CAS No.	9045-28-7
HTS	3505.10.0092

United States

Modified Food Starch 21 CFR 172.892

Features and Benefits

- High expansion
- Low flavor impact
- Stable structure without gums
- Sour Yucca starch substitute

Effective Date: August 17, 2018

Next Review Date: August 17, 2021

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