

## Product: Popcorn

**Variety:** Butterfly

**Description:** Typical smell characteristic of natural grain, free from strange smells, mix of orange and yellow colors depending on the hybrid, free from foreign matters. NON GMO.

**Expansion:** 38/40 - 40/42 and 42/44.

**Size(K10):** 65-75 grains in 10 grams.

**Explosion:** Minimum 98%.

**Moisture:** Maximum 14.5%.

**Packing:** Multiwall kraft paper bags of 10 kg / 20 kg / 50 pounds and 25 kg. Polypropylene bags of 50 kg. Big bags of 1,000 kg.

**Volume per 20 feet**

**container:** Approximately 25 Mton.

**Recommendations for appropriate**

**storage:** Keep in a dry and cool place, preferably below 18°C. Storage facilities must be fumigated, controlled and ventilated and must be free from insects and from products which cause contamination. Validity of the product 24 months from packing date if properly stored.



### Characteristics of the grain

The popcorn grain is round, half size of the regular corn one, and its color is a mixture between orange and yellow, depending on the hybrid. The product is evaluated for various of its characteristics, in between we can mention the most important ones:

- **Expansion:** it refers to the capacity the grain has to expand a certain weight into a certain volume and is measured in cm<sup>3</sup> per gram. There is only one official machine created to measure it called CRETORS, known as MVWT (metric volume weight tester). The minimum

expansion size requested by export markets is 38/40 and depending on the crop year conditions, the hybrid and the handling of the grain during and after harvest, you can obtain expansions that can reach up to 44/46.

- **Explosion:** refers to the number of grains capable to expand. The minimum value accepted is 97%.

- **Size (Kc or K10):** measures the size and weight of the grain, and is determined by the number of grains in 10 grams of weight. Normally the size rounds between 65 to 75 grains in 10 grams.

- Non GMO

#### **Nutritional Information**

It's hard to believe a snack food that tastes so good can actually be good for you! With suggestions from organizations such as the National Cancer Institute (NCI), the American Dental Association (ADA) and the American Dietetic Association (ADA), there's no doubt popcorn is a perfectly sensible snack to fit into any meal/fitness plan.

- Air-popped popcorn has only 31 calories per cup; oil-popped popcorn has only 55 calories per cup.

- When lightly buttered, popcorn contains about 133 calories per cup.

- Popcorn is a whole grain, making it a good-for-you food.

- Popcorn provides energy-producing complex carbohydrates

- Popcorn contains fiber, providing roughage the body needs in the daily diet.

- Popcorn is naturally low in fat and calories.

- Popcorn has no artificial additives or preservatives, and is sugar-free.

Nutrients	Units	Value per 100g
Water	g	2.80
Energy	kcal	500
Energy	kJ	2092
Protein	g	9.00
Total lipid (fat)	g	28.10
Ash	g	2.90
Carbohydrate, by difference	g	57.20
Fiber, total dietary	g	10.00
Sugars, total	g	0.54
Calcium	mg	10.00
Iron	mg	2.78
Magnesium	mg	108
Potassium	mg	225
Sodium	mg	884
Vitamin C	mg	0.30