



Belgian Malts that Make Your Beer So Special

SPECIFICATION

MAIZE FLAKES

Crop year 2023

| Parameter | Unit | Min | Max |
|---------------------|-----------|-------|------|
| Moisture | % | | 13.5 |
| Extract (dry basis) | % | 81.6* | |
| Wort color | EBC(Lov.) | 3.5* | |
| Total protein | % | 7.0* | |

Features

Maize Flakes are a pre-gelatinized brewing adjunct produced from selected maize kernels submitted to the flaking process where the whole kernel is steamed and passed through heated rollers to open the starch structure within the kernel endosperm. Also, Maize Flakes have low levels of lipids and proteins and a high level of carbohydrates that have to be considered in the brewing process.

Characteristics

Help to lighten the body and flavor of the beer and refreshing beer with a clean and crisp mouthfeel and beautiful pale color. Maize Flakes have a slightly higher color and give a slightly sweeter finish to the beer compared to Rice Flakes.

Usage

American Lagers, American Light Lagers, and light beers. Up to 20% of the grain bill. The Total Diastatic Power of the mash and Lauter Tun filtration bed need to be checked for high levels of Maize Flakes.

Storage and Shelf life

Maize Flakes must be stored in a clean, cool (<18C) and dry (<70%) area. If these conditions are observed, we recommend using all products within 6 months from the date of manufacture.

Packaging

Paper bags (20kg); Big Bags (400-1000kg) All types of packaging – in 20' or 40' containers for export.

IMPORTANT

All our malts are 100% traceable from barley field through all stages of malting process up to the delivery applying and respecting Regulation EC/178/2002 of the European Council regarding traceability.

All our malts are produced using the traditional process of over 9 days, a solid warranty of high modification of the grain and real top quality of premium malts.

Neither of our malts contains any genetically modified organisms as defined by Regulation (EC) No 1829/2003 of the European Parliament and of the Council, which means that all our malts are GMO FREE guaranteed.

All our malts are manufactured in strict conformity with the internationally accepted requirements HACCP (Hazard Analyses of Critical Control Points) currently in force and the ISO 22000 Food Safety Management System.

All our malts conform to EU and International regulations regarding the maximum allowable residues of pesticides, herbicides, fungicides, insecticides, as well as traces of mycotoxins.

All our malts are transported only by GMP-certified transporters.

You can see and print the results of the analysis of the malts delivered to you directly on our site www.castlemalting.com