

## Product Specification

**BEST Munich Dark**

**Crop: 2022**

BEST Munich Dark yields intense, full-bodied beers with a pronounced malty body and a bright dark color. The special malting process results in high degrees of solution without loss of the positive sensory properties of the malt. The enzyme-rich malt can also be processed in high grain bill proportions without any problems and without compromises, mostly by reducing the mashing work in the lower temperature range.

Flavor: Typical malty taste, honey

The below mentioned figures are subject to harvest-specific variations. All analysis are performed by independent, certified laboratories according to MEBAK „Brew-Technical Analysis Methods“.

Parameter	Minimum	Maximum	Unit
Moisture content		4.9	%
Extract (dry substance)	80.0		%
Fine-coarse difference (EBC)		2.5	%
Viscosity (8,6%)		1.6	mPas
Friability	78.0		%
Glassiness		2.5	%
Protein, dry basis	9.0	12.0	%
Soluble nitrogen	650	800	mg/100g
Kolbach index		47	%
Wort color	21 / 8.4	35 / 13.7	EBC / L
Wort pH	5.4	5.9	
Grading > 2,5 mm	90.0		%
β-Glucan (65° C)		350	

<b>Raw material:</b>	Spring barley
<b>Raw material source:</b>	Germany
<b>Ingredients:</b>	Barley, water
<b>Recommended:</b>	Brewery, food industry
<b>For breweries:</b>	Up to 100%
	Basic malt for all darker beer styles like Alt, brown ale, dark ale, wheat, stout, dark lager, amber and bock beer
<b>For food industry:</b>	As requested
<b>Shipping units:</b>	25-kg/55-lb bag, 50-kg/110-lb bag, BigBag, bulk
<b>Shelf life:</b>	Under dry (< 35 RH %) clean storage conditions, within a temperature range of < 20° C (68° F), our products have a minimum shelf life of 24 months.

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**Note:**

All raw materials are being tested for traces of pesticides, mycotoxins, heavy metals and meet the requirements of VO (EG) 165/2010 and 396/2005.

BESTMALZ products are being tested regularly for N-Nitrosodimethylamine (NDMA). The nitrosamine content of BESTMALZ products is below allowable thresholds.

All BESTMALZ products are in compliance with VO (EG) Nr. 1829/2003, 1830/2003, 49/2000, 18/2001 and 50/2000, they are not radiated and do not contain any genetically modified raw materials, ingredients or additives.

All BESTMALZ products and packing materials are manufactured in strict conformity with DIN EN ISO 9001:2015 and HACCP (Hazard Analysis and Critical Control Points) food safety management system.

All BESTMALZ products comply with the German Beer Purity Law (Reinheitsgebot).

All BESTMALZ products are fully traceable according to the guideline EC/178/2002 from barley cultivation up to malt delivery.

**Further properties:**

- Parameters:
  - o Plant impurities / foreign grain : max. 1 %
  - o Foreign matter (metal / glass) : absence
  - o No plant particles : max. 0,1 %
- Mycotoxins:
  - o Aflatoxin B1 : max. 2 µg / kg
  - o Aflatoxin B1+B2+G1+G2 : max. 4 µg / kg
  - o Ochratoxin : max. 3 µg / kg
  - o Zearalenone : max. 100 µg / kg
  - o Deoxynivalenol (DON) : max. 750 µg / kg
- Heavy metals:
  - o Lead : max. 0,2 mg / kg
  - o Cadmium : max. 0,05 mg / kg
- The product is ionization and radiation free.

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Dirk Schneider  
Head of Quality Management