



**WEYERMANN SPECIALTY
MALTING COMPANY**

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Product Specification

CARAF A SPECIAL[®] TYPE II

Raw Material Source:

German-grown two-row spring barley (2007 harvest).

Product Characteristics:

CARAF A SPECIAL[®] is the de-husked version of CARAF A[®]. Using our unique process, we remove the husks from carefully selected grains before malting and roasting them. Reduces astringency and bitterness, while adding coffee-brown color, a coffee-like bouquet, dark-beer aroma, as well as body and mouthfeel to finished beer—but without introducing harsh flavors. Even small amounts of CARAF A SPECIAL[®] malts in the grain bill produce dark beers of unusual smoothness and mildness, with a firm, creamy, white head.

Recommended Quantities:

Up to 5% of total grain bill

Suitability (beer styles):

Lagers: Dunkel, Doppelbock

Ales: Dark, Stout, Altbier

Parameter	MIN	MAX	Unit
Moisture content		3.8	%
Extract (dry basis)	65.0		%
Wort color	1100	1200	EBC
Wort color	413	450	Lovibond
Specific weight	500	550	kg/m ³
Specific weight	39	43	bushel weight
Shipping units	Bag (25 kg or 50 kg), 1,000-kg pallet (bagged), 1,000-kg BigBag, bulk		
Shelf life	12 months (under dry storage conditions)		

NOTES:

- We do not use genetically modified raw materials in any of our malts and extracts.
- All our malts and extracts meet the strict requirements of the German Beer Purity Law.
- All our processes are certified in accordance with DIN-ISO 9001-2000.
- All our malts and extracts are made in accordance with the requirements of all applicable government food- and health regulations, including HACCP (Hazard Analyses of Critical Control Points).
- All our malts and extracts have less than the maximum allowable amounts of trace elements from pesticides, herbicides, mycotoxins, and nitrosamines. They contain no nitrofen or hormones. All analyses are carried out by independent, certified laboratories, according to "Brautechnische Analysenmethoden" (Methods of Brew-Technical Analyses), MEBAK Book I-4.1./2. All specifications are subject to change based on harvest season. Specifications last updated on October 1, 2007.
- CARAF A SPECIAL[®] is a registered trademark of the Weyer mann Specialty Malting Company.