

DESITKA 100I

- Gravity **10 BLG**
- ABV **4 %**
- IBU **21**
- SRM **3.7**
- Style **Munich Helles**

Batch size

- Expected quantity of finished beer **105 liter(s)**
- Trub loss **5 %**
- Size with trub loss **110.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **132.9 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **63 liter(s)**
- Total mash volume **84 liter(s)**

Steps

- Temp **66 C**, Time **45 min**
- Temp **70 C**, Time **15 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **63 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **45 min** at **66C**
- Keep mash **15 min** at **70C**
- Keep mash **5 min** at **78C**
- Sparge using **90.9 liter(s)** of **76C** water or to achieve **132.9 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	20 kg (95.2%)	80 %	4.5
Grain	Carahell	1 kg (4.8%)	77 %	26

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Oktawia	100 g	55 min	7.8 %
Boil	Hersbrucker	200 g	5 min	4.1 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM30 Bohemska rapsodia	Lager	Liquid	562.5 ml	Fermentum Mobile

Extras

Type	Name	Amount	Use for	Time
Fining	whirlflock	5.63 g	Boil	5 min