

best bitter

- Gravity **10.2 BLG**
- ABV **4.1 %**
- IBU **38**
- SRM **14.9**
- Style **Special/Best/Premium Bitter**

Batch size

- Expected quantity of finished beer **26 liter(s)**
- Trub loss **1 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **45 min**
- Evaporation rate **7 %/h**
- Boil size **28.4 liter(s)**

Mash information

- Mash efficiency **93.5 %**
- Liquor-to-grist ratio **2.9 liter(s) / kg**
- Mash size **11.1 liter(s)**
- Total mash volume **14.9 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Simpsons - Maris Otter	2.2 kg (57.7%)	81 %	6
Grain	Fawcett - Pale Chocolate	0.2 kg (5.2%)	70 %	1000
Grain	Pszeniczny	0.3 kg (7.9%)	81 %	0
Grain	Carahell	1.113 kg (29.2%)	77 %	26

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Nugget	30 g	60 min	12.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM13 Irlandzkie Ciemności	Ale	Liquid	300 ml	Fermentum Mobile