

# Bitter

- Gravity **10.7 BLG**
- ABV **4.3 %**
- IBU **32**
- SRM **8.5**
- Style **Special/Best/Premium Bitter**

## Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **14 liter(s)**

## Mash information

- Mash efficiency **71 %**
- Liquor-to-grist ratio **5 liter(s) / kg**
- Mash size **12.2 liter(s)**
- Total mash volume **14.7 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Simpsons - Maris Otter	2 kg (81.6%)	81 %	6
Grain	Aroma CastleMalting	0.11 kg (4.5%)	78 %	100
Grain	cara terra castlemalting	0.05 kg (2%)	60 %	180
Grain	Pszeniczny	0.2 kg (8.2%)	85 %	4
Grain	Fawcett - Pale Chocolate	0.02 kg (0.8%)	71 %	600
Grain	Biscuit Malt	0.07 kg (2.9%)	79 %	45

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Fuggles	15 g	40 min	4.1 %
Boil	East Kent Goldings	17 g	40 min	5.1 %
Boil	East Kent Goldings	12 g	5 min	5.1 %
Boil	Fuggles	8 g	5 min	4.1 %
Boil	East Kent Goldings	5 g	1 min	5.1 %
Dry Hop	East Kent Goldings	20 g	3 day(s)	5.1 %
Boil	Fuggles	3 g	1 min	4.1 %