

## #5 bitter

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- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **34**
- SRM **13.6**
- Style **Extra Special/Strong Bitter (English Pale Ale)**

### Batch size

- Expected quantity of finished beer **10.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **13.3 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal ekstrakt słodowy Pale Ale	1.7 kg (81%)	80 %	35
Grain	Strzegom Bursztynowy	0.3 kg (14.3%)	50 %	49
Grain	Strzegom Karmel 300	0.1 kg (4.8%)	50 %	200

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	East Kent Goldings	20 g	60 min	6 %
Boil	East Kent Goldings	10 g	20 min	6 %
Aroma (end of boil)	East Kent Goldings	10 g	1 min	6 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	11 g	Fermentis