

PB Bitter

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **34**
- SRM **13.7**
- Style **Extra Special/Strong Bitter (English Pale Ale)**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Ekstrakt słodowy pale ale Bruntal	3.4 kg (91.9%)	82 %	40
Grain	Caramel/Crystal Malt - 120L	0.3 kg (8.1%)	72 %	150

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	10 g	5 min	3.5 %
Boil	East Kent Goldings	30 g	5 min	5.1 %
Boil	Lublin (Lubelski)	20 g	20 min	3.5 %
Boil	Marynka	30 g	60 min	7.7 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	11.5 g	---