

# Browamator.pl - Zestaw surowców na Pale Ale

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- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **18**
- SRM **4.7**
- Style **Extra Special/Strong Bitter (English Pale Ale)**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **0 %**
- Size with trub loss **20 liter(s)**
- Boil time **65 min**
- Evaporation rate **10 %/h**
- Boil size **24.4 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.25 liter(s) / kg**
- Mash size **13 liter(s)**
- Total mash volume **17 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	3.8 kg (95%)	85 %	7
Grain	Carahell	0.2 kg (5%)	77 %	26

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	English Golding	20 g	60 min	4.3 %
Boil	Fuggles	20 g	15 min	4.7 %
Boil	English Golding	10 g	5 min	4.3 %
Boil	Fuggles	10 g	5 min	4.7 %

## Yeasts

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