

## pils\_EKG

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- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **46**
- SRM **3.3**

### Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **8 %/h**
- Boil size **29.3 liter(s)**

### Mash information

- Mash efficiency **96 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **14.9 liter(s)**
- Total mash volume **19.1 liter(s)**

### Steps

- Temp **52 C**, Time **15 min**
- Temp **67 C**, Time **60 min**

### Mash step by step

- Heat up **14.9 liter(s)** of strike water to **56.6C**
- Add grains
- Keep mash **15 min** at **52C**
- Keep mash **60 min** at **67C**
- Sparge using **18.7 liter(s)** of **76C** water or to achieve **29.3 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pilsner Malt	4 kg (94.1%)	81 %	5
Grain	Weyermann - Carapils	0.25 kg (5.9%)	78 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Premiant	40 g	30 min	10.69 %
Boil	East Kent Goldings	25 g	20 min	6.3 %
Boil	East Kent Goldings	25 g	10 min	6.3 %