

## Pils

---

- Gravity **10 BLG**
- ABV **4 %**
- IBU **33**
- SRM **5.2**
- Style **Bohemian Pilsener**

### Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **20 liter(s)**
- Total mash volume **25 liter(s)**

### Steps

- Temp **70 C**, Time **60 min**
- Temp **78 C**, Time **10 min**

### Mash step by step

- Heat up **20 liter(s)** of strike water to **76.3C**
- Add grains
- Keep mash **60 min** at **70C**
- Keep mash **10 min** at **78C**
- Sparge using **16.7 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	3 kg (60%)	79 %	10
Grain	Strzegom Wiedeński	2 kg (40%)	79 %	10

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	25 g	60 min	10 %
Boil	Lublin (Lubelski)	30 g	10 min	4 %
Boil	Lublin (Lubelski)	20 g	20 min	4 %

### Yeasts

Name	Type	Form	Amount	Laboratory
w34/70	Lager	Dry	20 g	---