

## pils 8

---

- Gravity **9 BLG**
- ABV **3.5 %**
- IBU **24**
- SRM **2.8**
- Style **Bohemian Pilsener**

### Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.1 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **27.7 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **12.1 liter(s)**
- Total mash volume **15.5 liter(s)**

### Steps

- Temp **55 C**, Time **5 min**
- Temp **67 C**, Time **60 min**
- Temp **76 C**, Time **5 min**

### Mash step by step

- Heat up **12.1 liter(s)** of strike water to **60C**
- Add grains
- Keep mash **5 min** at **55C**
- Keep mash **60 min** at **67C**
- Keep mash **5 min** at **76C**
- Sparge using **19.1 liter(s)** of **76C** water or to achieve **27.7 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Bohemian Pilsner Malt	3 kg (87%)	81 %	4
Grain	Weyermann - Carapils	0.3 kg (8.7%)	78 %	4
Grain	Weyermann - Acidulated Malt	0.15 kg (4.3%)	80 %	6

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Saaz (Czech Republic)	50 g	25 min	4.5 %
Boil	Saaz (Czech Republic)	50 g	5 min	4.5 %