

## Pils Czeski (Bohemian Pils)

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- Gravity **10.5 BLG**
- ABV **4.2 %**
- IBU **25**
- SRM **4.6**
- Style **Bohemian Pilsener**

### Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **80 min**
- Evaporation rate **10 %/h**
- Boil size **28.7 liter(s)**

### Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **2.8 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20.3 liter(s)**

### Steps

- Temp **55 C**, Time **10 min**
- Temp **63 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **20 min**

### Mash step by step

- Heat up **15 liter(s)** of strike water to **61.2C**
- Add grains
- Keep mash **10 min** at **55C**
- Keep mash **40 min** at **63C**
- Keep mash **20 min** at **72C**
- Keep mash **20 min** at **76C**
- Sparge using **19.1 liter(s)** of **76C** water or to achieve **28.7 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Słód Pilsner® 2,5-4,5 EBC Weyermann	4 kg (74.8%)	80 %	4
Grain	Monachijski	1 kg (18.7%)	80 %	16
Grain	Weyermann - Carapils	0.3 kg (5.6%)	78 %	4
Grain	Acid Malt	0.05 kg (0.9%)	58.7 %	6

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	10 g	80 min	13.5 %
Boil	Saaz (Czech Republic)	15 g	60 min	4.5 %
Boil	Saaz (Czech Republic)	15 g	10 min	4.5 %
Boil	Saaz (Czech Republic)	25 g	0 min	4.5 %

### Yeasts

<b>Name</b>	<b>Type</b>	<b>Form</b>	<b>Amount</b>	<b>Laboratory</b>
Saflager W 34/70	Lager	Dry	10 g	Fermentis

### **Extras**

<b>Type</b>	<b>Name</b>	<b>Amount</b>	<b>Use for</b>	<b>Time</b>
Fining	Mech irlandzki	10 g	Boil	15 min