

# Czeski Pilsner

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- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **27**
- SRM **3.7**
- Style **German Pilsner (Pils)**

## Batch size

- Expected quantity of finished beer **30 liter(s)**
- Trub loss **1 %**
- Size with trub loss **30.3 liter(s)**
- Boil time **70 min**
- Evaporation rate **1 %/h**
- Boil size **33.7 liter(s)**

## Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.8 liter(s)**
- Total mash volume **25.1 liter(s)**

## Steps

- Temp **64 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **76 C**, Time **10 min**

## Mash step by step

- Heat up **18.8 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **30 min** at **64C**
- Keep mash **30 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **21.2 liter(s)** of **76C** water or to achieve **33.7 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	5.22 kg (83.3%)	81 %	4
Grain	Weyermann - Carapils	0.65 kg (10.4%)	78 %	4
Grain	Monachijski	0.4 kg (6.4%)	80 %	16

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Tradition	52.18 g	60 min	5.5 %
Boil	Saaz (Czech Republic)	39.13 g	10 min	4.5 %

## Yeasts

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