

pilsner.T1

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **36**
- SRM **4.4**
- Style **Bohemian Pilsener**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **80 min**
- Evaporation rate **10 %/h**
- Boil size **26.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **17.5 liter(s)**
- Total mash volume **22.5 liter(s)**

Steps

- Temp **64 C**, Time **20 min**
- Temp **72 C**, Time **40 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **17.5 liter(s)** of strike water to **70.3C**
- Add grains
- Keep mash **20 min** at **64C**
- Keep mash **40 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **13.6 liter(s)** of **76C** water or to achieve **26.1 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	3.5 kg (70%)	81 %	4
Grain	Monachijski	0.5 kg (10%)	80 %	16
Grain	Strzegom Wiedeński	0.5 kg (10%)	79 %	10
Grain	Briess - 2 Row Carapils Malt	0.5 kg (10%)	75 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Premiant	30 g	70 min	8 %
Boil	Saaz (Czech Republic)	30 g	15 min	4.5 %
Boil	Saaz (Czech Republic)	20 g	5 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
w34/70	Lager	Dry	11.5 g	---