

# Klasyczny PILS 6000 jak tani

- Gravity **11.9 BLG**
- ABV ---
- IBU **13**
- SRM **3.3**
- Style **Bohemian Pilsener**

## Batch size

- Expected quantity of finished beer **3100 liter(s)**
- Trub loss **0 %**
- Size with trub loss **3100 liter(s)**
- Boil time **90 min**
- Evaporation rate **5.556 %/h**
- Boil size **3694.2 liter(s)**

## Mash information

- Mash efficiency **89 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **1770 liter(s)**
- Total mash volume **2360 liter(s)**

## Steps

- Temp **65 C**, Time **15 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **2 min**

## Mash step by step

- Heat up **1770 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **15 min** at **65C**
- Keep mash **30 min** at **72C**
- Keep mash **2 min** at **78C**
- Sparge using **2514.2 liter(s)** of **76C** water or to achieve **3694.2 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	540 kg (91.5%)	81 %	4
Grain	Monachijski	25 kg (4.2%)	80 %	16
Grain	Pszeniczny	25 kg (4.2%)	85 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	1500 g	90 min	10 %
Boil	Lublin (Lubelski)	1000 g	10 min	4 %
Boil	Lublin (Lubelski)	1500 g	1 min	4 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Saflager W 34/70	Lager	Dry	1000 g	Fermentis