

# Wędzecznia

- Gravity **13.6 BLG**
- ABV ---
- IBU **48**
- SRM **5.7**
- Style **Other Smoked Beer**

## Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **14 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **7.5 liter(s)**
- Total mash volume **10 liter(s)**

## Steps

- Temp **64 C**, Time **60 min**
- Temp **68 C**, Time **20 min**
- Temp **75 C**, Time **10 min**

## Mash step by step

- Heat up **7.5 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **20 min** at **68C**
- Keep mash **10 min** at **75C**
- Sparge using **9 liter(s)** of **76C** water or to achieve **14 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pilsner malt	1.4 kg (56%)	82 %	4
Grain	gruszka	1 kg (40%)	82 %	10
Grain	Viking Wheat Malt	0.1 kg (4%)	83 %	5

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	20 g	30 min	11.6 %
Boil	lunga	10 g	10 min	11.6 %
Boil	Saaz (Czech Republic)	10 g	5 min	4.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	5.5 g	Fermentis