

Polskie Pszeniczne

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **24**
- SRM **3.8**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.2 liter(s) / kg**
- Mash size **14.4 liter(s)**
- Total mash volume **18.9 liter(s)**

Steps

- Temp **68 C**, Time **70 min**
- Temp **77 C**, Time **10 min**

Mash step by step

- Heat up **14.4 liter(s)** of strike water to **75.5C**
- Add grains
- Keep mash **70 min** at **68C**
- Keep mash **10 min** at **77C**
- Sparge using **15.4 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Carapils	0.5 kg (11.1%)	78 %	4
Grain	Viking Pale Ale malt	2 kg (44.4%)	80 %	5
Grain	Viking Wheat Malt	2 kg (44.4%)	83 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	15 g	60 min	11 %
Aroma (end of boil)	lunga	35 g	3 min	11 %
Dry Hop	lunga	50 g	4 day(s)	11 %
Dry Hop	Puławski	50 g	4 day(s)	4.3 %