

Polskie SH Puławski

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **45**
- SRM **7.5**
- Style **American Pale Ale**

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 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

Steps

- Temp **68 C**, Time **60 min**

Mash step by step

- Heat up **16.5 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **14.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	5 kg (90.9%)	79 %	6
Grain	Strzegom Karmel 150	0.25 kg (4.5%)	75 %	150
Grain	Strzegom Pszeniczny	0.25 kg (4.5%)	81 %	6

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Puławski	30 g	60 min	8.9 %
Boil	Puławski	20 g	30 min	8.9 %
Boil	Puławski	20 g	5 min	8.9 %
Dry Hop	Puławski	30 g	5 day(s)	8.9 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis