

Polski Ejł

- Gravity **11.2 BLG**
- ABV ---
- IBU **15**
- SRM ---
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.5 liter(s)**
- Total mash volume **18 liter(s)**

Steps

- Temp **65 C**, Time **70 min**

Mash step by step

- Heat up **13.5 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **70 min** at **65C**
- Sparge using **18.8 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	4 kg (88.9%)	--- %	---
Grain	Strzegom Pszeniczny	0.5 kg (11.1%)	--- %	---

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	10 g	60 min	9.5 %
Boil	Lubelski	20 g	15 min	3.6 %
Whirlpool	Marynka	20 g	60 min	9.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US -05	Ale	Dry	0 g	---
Safale US-05	Ale	Dry	11 g	---

Extras

Type	Name	Amount	Use for	Time
Flavor	Skórka pomarańczowa	30 g	Boil	10 min