

Polish Pale Ale #4

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **40**
- SRM **6**
- Style **Extra Special/Strong Bitter (English Pale Ale)**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **27.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **33 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **28 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	4 kg (57.1%)	79 %	6
Grain	Strzegom Monachijski typ I	2 kg (28.6%)	79 %	16
Grain	Strzegom Pszeniczny	1 kg (14.3%)	81 %	6

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	50 g	60 min	9 %
Aroma (end of boil)	Zula	30 g	5 min	7 %
Dry Hop	Zula	70 g	5 day(s)	7 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	10 g	Fermentis