

126 APA

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **38**
- SRM **5**
- 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 **90 min**
- Evaporation rate **5 %/h**
- Boil size **27.2 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.2 liter(s) / kg**
- Mash size **17.6 liter(s)**
- Total mash volume **23.1 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3.5 kg (63.6%)	80 %	5
Grain	Strzegom Wiedeński	1.5 kg (27.3%)	79 %	10
Grain	Strzegom Pszeniczny	0.3 kg (5.5%)	81 %	6
Grain	Caramel/Crystal Malt - 10L	0.2 kg (3.6%)	75 %	20

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	20 g	60 min	14.7 %
Boil	Amarillo	17 g	20 min	8.7 %
Boil	Citra	15 g	1 min	12 %

Yeasts

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