

## APA Czterdziestka

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- Gravity **12.1 BLG**
- ABV ---
- IBU ---
- SRM **5**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **10 %**
- Size with trub loss **25.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **31.4 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.8 liter(s)**
- Total mash volume **21 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	4 kg (76.2%)	80 %	5
Grain	Żytni	0.5 kg (9.5%)	85 %	8
Grain	Strzegom Monachijski typ I	0.5 kg (9.5%)	79 %	16
Grain	Karmelowy 30	0.25 kg (4.8%)	79 %	30