

## RPA PA

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- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **33**
- SRM **6.1**
- 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 **75 %**
- Liquor-to-grist ratio **3.3 liter(s) / kg**
- Mash size **15.2 liter(s)**
- Total mash volume **19.8 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilznieński	0.95 kg (20.7%)	81 %	4
Grain	Pale ale	2.5 kg (54.3%)	80 %	5
Grain	Crystal II 200	0.15 kg (3.3%)	71 %	200
Grain	Pszeniczny	1 kg (21.7%)	85 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Southern Star	10 g	60 min	15.8 %
Boil	Southern Passion	10 g	10 min	11.7 %
Boil	Southern Passion	25 g	1 min	11.7 %
Boil	Southern Star	10 g	10 min	15.8 %
Boil	Southern Star	25 g	1 min	15.8 %

### Yeasts

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