

## polska sesion ipka

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- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **35**
- SRM **3.2**

### Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **16.4 liter(s)**
- Total mash volume **21.1 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	3.5 kg (74.5%)	80 %	4
Grain	Płatki owsiane	0.2 kg (4.3%)	60 %	3
Grain	Pszeniczny	1 kg (21.3%)	85 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Zombie	10 g	60 min	9.8 %
Boil	EXP 2/20	5 g	15 min	9.3 %
Boil	EXP 3/20	5 g	15 min	9 %
Boil	Amora Preta	15 g	15 min	7.4 %
Boil	Vermelho	5 g	15 min	9.1 %
Whirlpool	EXP 2/20	10 g	15 min	9.3 %
Whirlpool	EXP 3/20	10 g	15 min	9 %
Whirlpool	Vermelho	10 g	15 min	9.1 %
Whirlpool	Amora Preta	30 g	15 min	7.4 %
Dry Hop	Vermelho	35 g	3 day(s)	9.1 %
Dry Hop	EXP 2/20	35 g	3 day(s)	9.3 %
Dry Hop	EXP 3/20	35 g	3 day(s)	9 %
Dry Hop	Amora Preta	55 g	3 day(s)	7.4 %