

## NEIPA - Książęcy

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- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **9**
- SRM **3.8**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.7 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **27 liter(s)**

### Steps

- Temp **66 C**, Time **60 min**

### Mash step by step

- Heat up **21 liter(s)** of strike water to **72.6C**
- Add grains
- Keep mash **60 min** at **66C**
- Sparge using **12.7 liter(s)** of **76C** water or to achieve **27.7 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	4 kg (66.7%)	81 %	4
Grain	Pszeniczny	1 kg (16.7%)	85 %	4
Grain	Płatki owsiane	0.5 kg (8.3%)	85 %	3
Grain	płatki jęczmienne	0.5 kg (8.3%)	85 %	3

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Książęcy	40 g	10 min	7 %
Boil	Książęcy	60 g	0 min	7 %
Whirlpool	Książęcy	80 g	0 min	7 %
Dry Hop	Książęcy	120 g	2 day(s)	7 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast - London Ale III	Ale	Liquid	100 ml	Wyeast Labs