

# HCB018 Polish IPA

- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **71**
- SRM **5.5**
- Style **American IPA**

## 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 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **26 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**
- Temp **76 C**, Time **60 min**

## Mash step by step

- Heat up **19.5 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **60 min** at **76C**
- Sparge using **12.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Płatki pszeniczne	0.5 kg (7.7%)	85 %	3
Grain	Strzegom Pale Ale	0.5 kg (7.7%)	79 %	6
Grain	Caramel hell Bestmaltz	0.5 kg (7.7%)	75 %	20
Grain	Viking Pale Ale malt	5 kg (76.9%)	80 %	5

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	50 g	60 min	10 %
Boil	Lublin (Lubelski)	50 g	15 min	5.3 %
Boil	Sybilla	50 g	15 min	4.6 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM52 Amerykański Sen	Ale	Liquid	1000 ml	Fermentum Mobile