

# Hazy Polish IPA

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- Gravity **16.4 BLG**
- ABV **6.9 %**
- IBU ---
- SRM **4.9**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

## Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **5 liter(s) / kg**
- Mash size **20 liter(s)**
- Total mash volume **24 liter(s)**

## Steps

- Temp **70 C**, Time **60 min**

## Mash step by step

- Heat up **20 liter(s)** of strike water to **75C**
- Add grains
- Keep mash **60 min** at **70C**
- Sparge using **-3.3 liter(s)** of **76C** water or to achieve **12.7 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pilsner malt	3 kg (75%)	82 %	4
Grain	Psiatki owsiane	1 kg (25%)	60 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Whirlpool	Zombie	50 g	0 min	10.3 %
Dry Hop	2/20	30 g	20 day(s)	9.3 %
Dry Hop	2/20	60 g	3 day(s)	9.3 %
Dry Hop	Książęcy	30 g	3 day(s)	7 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Mango madness	Ale	Dry	11 g	WHC LAB