

# Polish IPA 10L

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- Gravity **17.1 BLG**
- ABV ---
- IBU **78**
- SRM **7.9**
- 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 **75 %**
- Liquor-to-grist ratio **2.66 liter(s) / kg**
- Mash size **8 liter(s)**
- Total mash volume **11 liter(s)**

## Steps

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

## Mash step by step

- Heat up **8 liter(s)** of strike water to **77C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **7.7 liter(s)** of **76C** water or to achieve **12.7 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	2.5 kg (83.3%)	85 %	7
Grain	Strzegom Monachijski typ I	0.35 kg (11.7%)	79 %	16
Grain	Weyermann - Carapils	0.15 kg (5%)	78 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	35 g	60 min	10 %
Boil	Lublin (Lubelski)	15 g	15 min	4 %
Boil	Lublin (Lubelski)	15 g	5 min	4 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis