

# Polskie Jasne

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- Gravity **12.1 BLG**
- ABV ---
- IBU **18**
- SRM **3.1**
- Style **Blonde Ale**

## Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size --- **liter(s)**
- Total mash volume --- **liter(s)**

## Steps

- Temp **62 C**, Time **30 min**
- Temp **70 C**, Time **30 min**

## Mash step by step

- Heat up **liter(s)** of strike water to **C**
- Add grains
- Keep mash **30 min** at **62C**
- Keep mash **30 min** at **70C**
- Sparge using **liter(s)** of **C** water or to achieve **27.8 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Dry Extract	Pilzneński	3.7 kg (92.5%)	81 %	4
Dry Extract	Strzegom Karmel 150	0.3 kg (7.5%)	75 %	8

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	10 g	60 min	10 %
Aroma (end of boil)	Lublin (Lubelski)	20 g	10 min	4 %
Aroma (end of boil)	Citra	20 g	5 min	12 %
Dry Hop	Citra	10 g	7 day(s)	12 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	11.5 g	---