

# przeniczne jasne

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- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **10**
- SRM **5.2**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

## Steps

- Temp **42 C**, Time **10 min**
- Temp **52 C**, Time **10 min**
- Temp **62 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **16.5 liter(s)** of strike water to **45.7C**
- Add grains
- Keep mash **10 min** at **42C**
- Keep mash **10 min** at **52C**
- Keep mash **40 min** at **62C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **15.4 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	pilsneński strzegom	3 kg (54.5%)	80 %	4
Grain	przeniczny jasny strzegom	2 kg (36.4%)	81 %	6
Grain	karmelowy 30 strzegom	0.5 kg (9.1%)	76 %	29.6

## Hops

Use for	Name	Amount	Time	Alpha acid
Aroma (end of boil)	Lublin (Lubelski)	50 g	15 min	4 %

## Yeasts

Name	Type	Form	Amount	Laboratory
safale wb-06	Wheat	Dry	11.5 g	---