

# Pierwsze Białodunajec

- Gravity **16.4 BLG**
- ABV **6.9 %**
- IBU **49**
- SRM **7.4**

## Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.8 liter(s) / kg**
- Mash size **11.2 liter(s)**
- Total mash volume **15.2 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	WES ekstrakt słodowy jasny	3.7 kg (92.5%)	80 %	---
Grain	Strzegom Karmel 150	0.3 kg (7.5%)	75 %	150

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	25 g	45 min	10 %
Boil	Lublin (Lubelski)	40 g	15 min	4 %

## Yeasts

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