

Polish Pale Ale

- Gravity **10 BLG**
- ABV **4 %**
- IBU **83**
- SRM **5.3**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **25.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12 liter(s)**
- Total mash volume **16 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Słód pale ale	2 kg (50%)	--- %	6
Grain	Słód pilzneński	1.2 kg (30%)	--- %	4
Grain	Słód żytni	0.5 kg (12.5%)	--- %	7
Grain	Słóz melanoidynowy	0.3 kg (7.5%)	--- %	70

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Zula	35 g	15 min	13.3 %
Boil	Zula	35 g	55 min	13.3 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM51 Grodzie Dębowe	Ale	Liquid	30 ml	Fermentum Mobile