

BROWN PORTER

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **24**
- SRM **49.6**
- Style **Brown Porter**

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 **5 %/h**
- Boil size **25.4 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	WES ekstrakt słodowy jasny	1.7 kg (45.9%)	80 %	---
Liquid Extract	ekstrakt słodowy ciemny Bruntal	1.7 kg (45.9%)	90 %	621
Adjunct	Słód kawowy	0.2 kg (5.4%)	--- %	500
Adjunct	Słód czekoladowy	0.1 kg (2.7%)	--- %	1200

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Challenger	25 g	60 min	7 %
Boil	Fuggles	25 g	15 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Danstar - Windsor Ale	Ale	Dry	11 g	Danstar