

oatmalt stout

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **32**
- SRM **36.4**
- Style **Oatmeal Stout**

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 **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **20.1 liter(s)**
- Total mash volume **25.9 liter(s)**

Steps

- Temp **69 C**, Time **60 min**
- Temp **72 C**, Time **10 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **20.1 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **69C**
- Keep mash **10 min** at **72C**
- Keep mash **5 min** at **76C**
- Sparge using **13.5 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	2.7 kg (47%)	81 %	4
Grain	Słód owsiany Fawcett	1 kg (17.4%)	61 %	5
Grain	Strzegom Monachijski typ II	1 kg (17.4%)	79 %	22
Grain	Strzegom Czekoladowy jasny	0.5 kg (8.7%)	68 %	400
Grain	Strzegom Czekoladowy ciemny	0.3 kg (5.2%)	68 %	1200
Grain	Jęczmień palony	0.25 kg (4.3%)	55 %	985

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Admiral	25 g	60 min	13 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	---

Extras

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

Type	Name	Amount	Use for	Time
Fining	mech irlandzki	5 g	Boil	10 min

Notes

- Chyba na cichą pójdzie ziarno kakaowca, ale tylko do połowy warki.
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