

# outmeal stout

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- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **25**
- SRM **26.1**
- Style **Oatmeal Stout**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.9 liter(s)**
- Total mash volume **21.2 liter(s)**

## Steps

- Temp **67 C**, Time **60 min**
- Temp **72 C**, Time **5 min**

## Mash step by step

- Heat up **15.9 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **5 min** at **72C**
- Sparge using **14.7 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Vienna Malt	4 kg (75.5%)	81 %	8
Grain	Płatki owsiane	0.8 kg (15.1%)	60 %	3
Grain	Black Barley (Roast Barley)	0.2 kg (3.8%)	55 %	985
Grain	Jęczmień palony	0.2 kg (3.8%)	55 %	985
Grain	Strzegom Czekoladowy jasny	0.1 kg (1.9%)	68 %	400

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Hallertau	50 g	60 min	4.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
us05	Ale	Slant	150 ml	---