

## milk stout

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- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **25**
- SRM **30.7**

### Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.4 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **17.8 liter(s)**
- Total mash volume **22.9 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3.5 kg (62.5%)	80 %	5
Grain	Pszeniczny	0.5 kg (8.9%)	85 %	4
Grain	Castlemalting Crystal	0.15 kg (2.7%)	75 %	150
Grain	Biscuit Malt	0.2 kg (3.6%)	79 %	45
Grain	Karmelowy Czerwony	0.2 kg (3.6%)	75 %	59
Grain	Castle Wheat Black	0.2 kg (3.6%)	70 %	1250
Grain	Jęczmień palony	0.25 kg (4.5%)	55 %	1100
Grain	Strzegom Barwiący	0.1 kg (1.8%)	68 %	1300
Sugar	laktoza	0.5 kg (8.9%)	90 %	1

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnat	25 g	60 min	11.2 %