

Stout

- Gravity **12.9 BLG**
- ABV ---
- IBU **32**
- SRM **38.8**
- Style **Dry Stout**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9 liter(s)**
- Total mash volume **12 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2 kg (66.7%)	80 %	5
Grain	Jęczmień palony	0.3 kg (10%)	55 %	985
Grain	Płatki owsiane	0.2 kg (6.7%)	85 %	3
Grain	Caraaroma	0.5 kg (16.7%)	78 %	400

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	13 g	60 min	13.5 %