

Rye Stout

- Gravity **40.1 BLG**
- ABV **22.5 %**
- IBU **111**
- SRM **110**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **13.8 liter(s)**
- Boil time **120 min**
- Evaporation rate **20 %/h**
- Boil size **20.2 liter(s)**

Mash information

- Mash efficiency **71 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **48 liter(s)**
- Total mash volume **60 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	7 kg (58.3%)	81 %	4
Grain	Jęczmień palony	2 kg (16.7%)	55 %	985
Grain	Żytni	2 kg (16.7%)	85 %	8
Grain	Caraaroma	1 kg (8.3%)	78 %	400

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Iunfa	200 g	60 min	10 %