

RIS

- Gravity **25.1 BLG**
- ABV **11.7 %**
- IBU **81**
- SRM **60.6**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **10 %**
- Size with trub loss **12.1 liter(s)**
- Boil time **120 min**
- Evaporation rate **10 %/h**
- Boil size **15.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **15.3 liter(s)**
- Total mash volume **21.4 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	4.86 kg (79.4%)	81 %	4
Grain	Weyermann Caramunich 3	0.42 kg (6.9%)	76 %	150
Grain	Weyermann - Carafa III	0.42 kg (6.9%)	70 %	1024
Grain	Jęczmień palony	0.42 kg (6.9%)	55 %	985

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	26 g	60 min	11.5 %
Boil	Mosaic	26 g	30 min	12 %
Boil	Mosaic	26 g	15 min	12 %