

## ris

---

- Gravity **28.1 BLG**
- ABV **13.6 %**
- IBU **61**
- SRM **62.7**
- Style **Russian Imperial Stout**

### Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **19.9 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **20.3 liter(s)**
- Total mash volume **28.4 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	pale ale	5 kg (59.5%)	--- %	---
Grain	Strzegom Pszeniczny	1.5 kg (17.9%)	81 %	6
Grain	Płatki owsiane	0.5 kg (6%)	85 %	3
Grain	Jęczmień palony	0.5 kg (6%)	55 %	1200
Grain	Carafa II	0.3 kg (3.6%)	70 %	1100
Grain	Carafa II	0.3 kg (3.6%)	70 %	1100
Liquid Extract	Miód Gryczany (Buckwheat Honey)	0.3 kg (3.6%)	70 %	40

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Sybilla	120 g	60 min	6.5 %