

## ris

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- Gravity **27.4 BLG**
- ABV **13.2 %**
- IBU ---
- SRM **47**
- Style **Russian Imperial Stout**

### Batch size

- Expected quantity of finished beer **30 liter(s)**
- Trub loss **5 %**
- Size with trub loss **31.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **38 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **36 liter(s)**
- Total mash volume **48 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	10 kg (66.7%)	80 %	5
Grain	Strzegom Karmel 600	0.5 kg (3.3%)	68 %	601
Grain	Pszeniczny	0.5 kg (3.3%)	85 %	4
Grain	Strzegom Czekoladowy jasny	0.5 kg (3.3%)	68 %	400
Grain	Jęczmień palony	0.5 kg (3.3%)	55 %	985
Liquid Extract	WES ekstrakt słodowy jasny	2 kg (13.3%)	80 %	---
Liquid Extract	ekstrakt słodowy ciemny Bruntal	1 kg (6.7%)	90 %	621