

## ris

- Gravity **24 BLG**
- ABV **11 %**
- IBU **55**
- SRM **72.9**
- Style **Russian Imperial Stout**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **24 liter(s)**
- Boil time **80 min**
- Evaporation rate **20 %/h**
- Boil size **34.2 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal Pale Ale	3.4 kg (43%)	90 %	25
Liquid Extract	ekstrakt słodowy ciemny Bruntal	3.4 kg (43%)	90 %	620
Dry Extract	ekstrakt słodowy jasny	0.8 kg (10.1%)	90 %	5
Grain	Jęczmień palony	0.3 kg (3.8%)	55 %	985

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Dr Rudi	25 g	70 min	11.8 %
Boil	Progress	40 g	60 min	6.6 %
Boil	Fusion UK	20 g	60 min	6.4 %
Boil	minstrel	20 g	60 min	4.9 %
Boil	Progress	10 g	15 min	6.6 %
Boil	minstrel	10 g	15 min	4.9 %
Boil	Fusion UK	10 g	15 min	6.4 %
Boil	Progress	10 g	5 min	6.6 %
Boil	English Golding	30 g	5 min	4.8 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	23 g	Safale

### Extras

Type	Name	Amount	Use for	Time
Other	Oak Chips	20 g	Secondary	14 day(s)