

## [E] RIS

- Gravity **24.6 BLG**
- ABV **11.4 %**
- IBU **39**
- SRM **88.9**
- Style **Russian Imperial Stout**

### Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	ekstrakt słodowy ciemny Bruntal	1.7 kg (45.9%)	90 %	621
Liquid Extract	Bruntal Pale Ale	1.7 kg (45.9%)	80 %	35
Grain	Jęczmień prażony	0.1 kg (2.7%)	55 %	985
Grain	Carafa III	0.1 kg (2.7%)	70 %	1034
Grain	Fawcett - Pszeniczny Czekoladowy	0.1 kg (2.7%)	73 %	1001

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	30 g	60 min	9.5 %

### Yeasts

Name	Type	Form	Amount	Laboratory
FM13 Irlandzkie Ciemności	Ale	Slant	100 ml	Fermentum Mobile