

## Testowy słaby ris

- Gravity **20.5 BLG**
- ABV **9 %**
- IBU **41**
- SRM **84.3**
- Style **Russian Imperial Stout**

### Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **22.8 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal ekstrakt słodowy ciemny	3.4 kg (64.8%)	90 %	621
Liquid Extract	Bruntal ekstrakt słodowy Pale Ale	1.7 kg (32.4%)	80 %	35
Grain	Strzegom Barwiący	0.15 kg (2.9%)	68 %	1300

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	20 g	45 min	15.5 %
Boil	Fuggles	10 g	45 min	4.5 %
Boil	Fuggles	20 g	15 min	4.5 %
Boil	Warrior	10 g	15 min	15.5 %
Aroma (end of boil)	Epic	20 g	5 min	3.7 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	11.5 g	Fermentis