

# rysio

- Gravity **23.1 BLG**
- ABV **10.5 %**
- IBU **90**
- SRM **66.4**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11.6 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **14.6 liter(s)**

## Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3.15 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **25.7 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Simpsons - Maris Otter	2.5 kg (40.3%)	81 %	6
Grain	Pilzneński	1.25 kg (20.2%)	81 %	4
Grain	Płatki owsiane	0.8 kg (12.9%)	85 %	3
Grain	Słód owsiany Fawcett	0.15 kg (2.4%)	61 %	5
Grain	Abbey Castle	0.2 kg (3.2%)	80 %	45
Grain	Special B Malt	0.35 kg (5.6%)	65.2 %	315
Grain	Briess - Caramel Malt 80L	0.1 kg (1.6%)	75 %	158
Grain	Jęczmień palony	0.15 kg (2.4%)	55 %	985
Grain	Carafa III	0.35 kg (5.6%)	70 %	1034
Grain	Fawcett - Pszeniczny Czekoladowy	0.35 kg (5.6%)	73 %	1001

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	30 g	60 min	13 %
Boil	Chinook	30 g	30 min	13 %