

# RIS

- Gravity **26.2 BLG**
- ABV **12.3 %**
- IBU **79**
- SRM **54.7**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **8 %**
- Size with trub loss **10.8 liter(s)**
- Boil time **120 min**
- Evaporation rate **13 %/h**
- Boil size **16.1 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.3 liter(s)**
- Total mash volume **24.4 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	3 kg (49.2%)	85 %	7
Grain	Monachijski	1.5 kg (24.6%)	80 %	16
Grain	Płatki owsiane	0.4 kg (6.6%)	85 %	3
Grain	Czekoladowy	0.2 kg (3.3%)	60 %	788
Grain	Strzegom Karmel 30	0.4 kg (6.6%)	75 %	30
Grain	Carafa II	0.2 kg (3.3%)	70 %	812
Grain	Jęczmień palony	0.4 kg (6.6%)	55 %	985

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	50 g	60 min	12 %
Boil	East Kent Goldings	20 g	15 min	5.1 %
Aroma (end of boil)	East Kent Goldings	10 g	5 min	5.1 %
Aroma (end of boil)	Zythos	30 g	2 min	11 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM52 Amerykański Sen	Ale	Slant	100 ml	Fermentum Mobile