

Kola

- Gravity **27 BLG**
- ABV ---
- IBU **74**
- SRM **50.3**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **5 %**
- Size with trub loss **17.9 liter(s)**
- Boil time **90 min**
- Evaporation rate **15 %/h**
- Boil size **24 liter(s)**

Mash information

- Mash efficiency **62 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **36 liter(s)**
- Total mash volume **48 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	9 kg (75%)	79 %	6
Grain	Fawcett - Pale Chocolate	0.5 kg (4.2%)	71 %	600
Grain	Weyermann - Carafa I	0.5 kg (4.2%)	70 %	690
Grain	Caramunich® typ I	0.5 kg (4.2%)	73 %	80
Grain	viking malt karmelowy	0.5 kg (4.2%)	--- %	150
Grain	Caraaroma	0.5 kg (4.2%)	78 %	400
Grain	Strzegom Bursztynowy	0.5 kg (4.2%)	70 %	49

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	65 g	60 min	13.5 %
Boil	Lublin (Lubelski)	30 g	15 min	4 %
Boil	Fuggles	50 g	10 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Danstar - Windsor Ale	Ale	Dry	22 g	Danstar