

RIS

- Gravity **24.6 BLG**
- ABV **11.4 %**
- IBU **72**
- SRM **68.3**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **20 liter(s)**
- Total mash volume **28 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Pale Ale Malt	5 kg (62.5%)	80 %	7
Grain	Karmelowy żytni Strzegom	1 kg (12.5%)	75 %	150
Grain	Brown Malt (British Chocolate)	1 kg (12.5%)	70 %	128
Grain	Strzegom Czekoladowy ciemny	0.6 kg (7.5%)	68 %	1200
Grain	Carafa III	0.4 kg (5%)	70 %	1034

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	50 g	60 min	16 %