

Imperial Stout

- Gravity **23.1 BLG**
- ABV **10.5 %**
- IBU **84**
- SRM **40.2**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **0 %**
- Size with trub loss **17 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **18.7 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	4 kg (59.7%)	80 %	5
Grain	Jęczmień palony	0.4 kg (6%)	55 %	985
Grain	Caraaroma	0.6 kg (9%)	78 %	400
Liquid Extract	WES ekstrakt słodowy jasny	1.7 kg (25.4%)	80 %	---

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	puławski	100 g	60 min	8.6 %

Extras

Type	Name	Amount	Use for	Time
Flavor	tonka	10 g	Secondary	60 day(s)