

OWSIANY EXTRA STOUT NA SWIETA

- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **22**
- SRM **31.2**
- Style **Foreign Extra Stout**

Batch size

- Expected quantity of finished beer **21.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **28 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	3 kg (42.9%)	80 %	4
Grain	Strzegom Wiedeński	1 kg (14.3%)	79 %	10
Grain	Strzegom Pszeniczny	1 kg (14.3%)	81 %	6
Grain	Caraaroma	0.5 kg (7.1%)	78 %	400
Grain	Weyermann - Carafa I	0.25 kg (3.6%)	70 %	690
Grain	Strzegom pszenica prażona	0.25 kg (3.6%)	70 %	1000
Grain	Płatki owsiane	1 kg (14.3%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	20 g	60 min	10 %
Boil	Saaz (Czech Republic)	20 g	15 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	7 g	Safale