

Szfajowe

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU ---
- SRM **23.3**
- Style **Schwarzbier**

Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.1 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.3 liter(s)**
- Total mash volume **20.4 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	2 kg (39.2%)	81 %	4
Grain	Monachijski	2 kg (39.2%)	80 %	16
Grain	Karmelowy Jasny 30EBC	0.3 kg (5.9%)	75 %	30
Grain	płatki jęczmienne	0.5 kg (9.8%)	60 %	4
Grain	Strzegom Czekoladowy ciemny	0.1 kg (2%)	68 %	1200
Grain	Carafa III	0.2 kg (3.9%)	70 %	1034