

Schwarzbier

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU ---
- SRM **17.9**
- Style **Schwarzbier**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9 liter(s)**
- Total mash volume **12 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	1.2 kg (40%)	81 %	4
Grain	Monachijski	1.5 kg (50%)	80 %	16
Grain	Strzegom Karmel 150	0.2 kg (6.7%)	75 %	150
Grain	Weyermann - Dehusked Carafa III	0.1 kg (3.3%)	70 %	1024