

# 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 |