

# 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<br>30EBC       | 0.3 kg (5.9%) | 75 %  | 30   |
| Grain | płatki jęczmienne              | 0.5 kg (9.8%) | 60 %  | 4    |
| Grain | Strzegom<br>Czekoladowy ciemny | 0.1 kg (2%)   | 68 %  | 1200 |
| Grain | Carafa III                     | 0.2 kg (3.9%) | 70 %  | 1034 |