

# Śliwkowy porter

- Gravity **14.3 BLG**
- ABV **5.9 %**
- IBU **26**
- SRM **68.3**
- Style **Brown Porter**

## Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **13.2 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)**

## Steps

- Temp **67 C**, Time **60 min**
- Temp **76 C**, Time **10 min**

## Mash step by step

- Heat up **9 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **10 min** at **76C**
- Sparge using **7.2 liter(s)** of **76C** water or to achieve **13.2 liter(s)** of wort

## Fermentables

| Type  | Name                      | Amount         | Yield | EBC  |
|-------|---------------------------|----------------|-------|------|
| Grain | Viking czekoladowy ciemny | 0.4 kg (13.3%) | 80 %  | 900  |
| Grain | Viking Pilsner malt       | 0.7 kg (23.3%) | 82 %  | 4    |
| Grain | Viking barwiący           | 0.4 kg (13.3%) | 80 %  | 1450 |
| Grain | Viking Pale Ale malt      | 1 kg (33.3%)   | 80 %  | 5    |
| Grain | Cara Gold Castlemalting   | 0.5 kg (16.7%) | 78 %  | 120  |

## Hops

| Use for             | Name    | Amount | Time   | Alpha acid |
|---------------------|---------|--------|--------|------------|
| Boil                | Summit  | 5 g    | 40 min | 15.3 %     |
| Boil                | Fuggles | 5 g    | 40 min | 4.5 %      |
| Aroma (end of boil) | Summit  | 10 g   | 5 min  | 15.3 %     |
| Aroma (end of boil) | Fuggles | 15 g   | 5 min  | 4.5 %      |

## Yeasts

| Name        | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale  | Dry  | 11.5 g | ---        |

## Extras

| Type   | Name           | Amount | Use for | Time   |
|--------|----------------|--------|---------|--------|
| Flavor | Suszona śliwka | 400 g  | Boil    | 45 min |