

# Porter Bałtycki

- Gravity **24.2 BLG**
- ABV **11.2 %**
- IBU **30**
- SRM **24.8**
- Style **Baltic Porter**

## Batch size

- Expected quantity of finished beer **40 liter(s)**
- Trub loss **5 %**
- Size with trub loss **42 liter(s)**
- Boil time **120 min**
- Evaporation rate **10 %/h**
- Boil size **55.2 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **45.5 liter(s)**
- Total mash volume **63.7 liter(s)**

## Fermentables

| Type           | Name                       | Amount        | Yield  | EBC  |
|----------------|----------------------------|---------------|--------|------|
| Grain          | Briess - Pilsen Malt       | 10 kg (51.3%) | 80.5 % | 2    |
| Grain          | Monachijski                | 5 kg (25.6%)  | 80 %   | 16   |
| Grain          | Biscuit Malt               | 2 kg (10.3%)  | 79 %   | 45   |
| Liquid Extract | WES ekstrakt słodowy jasny | 1.3 kg (6.7%) | 80 %   | 45   |
| Grain          | Carafa II                  | 0.6 kg (3.1%) | 70 %   | 812  |
| Grain          | Carafa III                 | 0.1 kg (0.5%) | 70 %   | 1034 |
| Grain          | Carabelge                  | 0.5 kg (2.6%) | 80 %   | 30   |

## Hops

| Use for             | Name              | Amount | Time   | Alpha acid |
|---------------------|-------------------|--------|--------|------------|
| Boil                | Książęcy          | 50 g   | 60 min | 7 %        |
| Boil                | Savinjski Golding | 35 g   | 30 min | 3.5 %      |
| Boil                | Puławski          | 25 g   | 30 min | 4.3 %      |
| Boil                | Oktawia           | 34 g   | 45 min | 7.1 %      |
| Aroma (end of boil) | Książęcy          | 50 g   | 5 min  | 7 %        |
| Boil                | Puławski          | 20 g   | 15 min | 4.3 %      |

## Yeasts

| Name                       | Type  | Form  | Amount | Laboratory |
|----------------------------|-------|-------|--------|------------|
| Gozdawa - W35 German Lager | Lager | Slant | 500 ml | Gozdawa    |