

# Parkowe Blonde Ale

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **25**
- SRM **6.2**
- Style **Blonde Ale**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **6.5 %**
- Size with trub loss **26.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **32.1 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.8 liter(s)**
- Total mash volume **26.4 liter(s)**

## Steps

- Temp **64 C**, Time **30 min**
- Temp **72 C**, Time **30 min**

## Mash step by step

- Heat up **19.8 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **30 min** at **64C**
- Keep mash **30 min** at **72C**
- Sparge using **18.9 liter(s)** of **76C** water or to achieve **32.1 liter(s)** of wort

## Fermentables

| Type  | Name                      | Amount        | Yield | EBC |
|-------|---------------------------|---------------|-------|-----|
| Grain | Płatki owsiane            | 0.4 kg (6.1%) | 70 %  | 3   |
| Grain | Strzegom Karmel 150       | 0.2 kg (3%)   | 75 %  | 150 |
| Grain | Słód jęczmienny Bydgoszcz | 5 kg (75.8%)  | 82 %  | 5   |
| Grain | Słód pszeniczny Bydgoszcz | 1 kg (15.2%)  | 84 %  | 5   |

## Hops

| Use for             | Name              | Amount | Time   | Alpha acid |
|---------------------|-------------------|--------|--------|------------|
| Boil                | Hallertau         | 10 g   | 90 min | 4.5 %      |
| Boil                | Puławski          | 20 g   | 90 min | 8 %        |
| Aroma (end of boil) | Lublin (Lubelski) | 20 g   | 15 min | 2.8 %      |
| Boil                | Perle             | 5 g    | 90 min | 7 %        |

## Yeasts

| Name        | Type | Form  | Amount | Laboratory |
|-------------|------|-------|--------|------------|
| Safale S-04 | Ale  | Slant | 250 ml | Safale     |

## Extras

| Type        | Name           | Amount | Use for | Time   |
|-------------|----------------|--------|---------|--------|
| Water Agent | Chlorek wapnia | 6 g    | Mash    | 60 min |