

# Ale Blondyna

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- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **15**
- SRM **4.4**
- Style **Belgian Blond Ale**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.6 liter(s)**
- Total mash volume **20.8 liter(s)**

## Steps

- Temp **64 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **1 min**

## Mash step by step

- Heat up **15.6 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **40 min** at **64C**
- Keep mash **20 min** at **72C**
- Keep mash **1 min** at **76C**
- Sparge using **14.9 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

| Type  | Name                | Amount         | Yield | EBC |
|-------|---------------------|----------------|-------|-----|
| Grain | Strzegom Pilzneński | 4 kg (76.9%)   | 80 %  | 4   |
| Grain | Strzegom Wiedeński  | 1.2 kg (23.1%) | 79 %  | 10  |

## Hops

| Use for | Name                   | Amount | Time   | Alpha acid |
|---------|------------------------|--------|--------|------------|
| Boil    | Tettnang               | 30 g   | 60 min | 4 %        |
| Boil    | Hallertau Spalt Select | 15 g   | 10 min | 3.4 %      |

## Yeasts

| Name                                  | Type | Form | Amount | Laboratory |
|---------------------------------------|------|------|--------|------------|
| Gozdawa Belgian Fruit Spicy Ale Yeast | Ale  | Dry  | 10 g   | Gozdawa    |

## Extras

| Type   | Name               | Amount | Use for | Time   |
|--------|--------------------|--------|---------|--------|
| Flavor | cukier kandyzowany | 300 g  | Boil    | 10 min |