

## Pils na belgach

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- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **32**
- SRM **3.7**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **25.7 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

### Steps

- Temp **52 C**, Time **10 min**
- Temp **62 C**, Time **40 min**
- Temp **72 C**, Time **10 min**

### Mash step by step

- Heat up **15 liter(s)** of strike water to **57.3C**
- Add grains
- Keep mash **10 min** at **52C**
- Keep mash **40 min** at **62C**
- Keep mash **10 min** at **72C**
- Sparge using **15.7 liter(s)** of **76C** water or to achieve **25.7 liter(s)** of wort

### Fermentables

| Type  | Name                | Amount      | Yield | EBC |
|-------|---------------------|-------------|-------|-----|
| Grain | Strzegom Pilzneński | 5 kg (100%) | 80 %  | 4   |

### Hops

| Use for | Name              | Amount | Time   | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil    | Marynka           | 30 g   | 60 min | 8.8 %      |
| Boil    | Marynka           | 0 g    | 30 min | 8.8 %      |
| Boil    | Lublin (Lubelski) | 20 g   | 10 min | 4 %        |

### Yeasts

| Name                    | Type | Form   | Amount | Laboratory       |
|-------------------------|------|--------|--------|------------------|
| FM25 Klasztorna medycja | Ale  | Liquid | 100 ml | Fermentum Mobile |

### Notes

- filtracja - 78 stopni  
Gęstwa tygodniowa zebrana z Quadrupla.  
uciekło mi ok 2 litrów przy przelewaniu do fermentora po chłodzeniu.  
Wyszło netto 15 litrów 13,5 blg.  
Oct 11, 2017, 7:36 PM