

Pils K 12,5 Blg wer. 2.0

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **48**
- SRM **3.5**
- Style **Bohemian Pilsener**

Batch size

- Expected quantity of finished beer **27 liter(s)**
- Trub loss **5 %**
- Size with trub loss **28.9 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **36.3 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **20.1 liter(s)**
- Total mash volume **26.8 liter(s)**

Steps

- Temp **55 C**, Time **10 min**
- Temp **64 C**, Time **15 min**
- Temp **72 C**, Time **45 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **20.1 liter(s)** of strike water to **60.8C**
- Add grains
- Keep mash **10 min** at **55C**
- Keep mash **15 min** at **64C**
- Keep mash **45 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **22.9 liter(s)** of **76C** water or to achieve **36.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---|----------------|-------|-----|
| Grain | Słód Pilsner® 2,5-4,5 EBC Weyermann | 4.5 kg (67.2%) | 80 % | 4 |
| Grain | Cara-Pils/Dextrine | 1 kg (14.9%) | 72 % | 4 |
| Grain | Rice, Flaked | 1 kg (14.9%) | 70 % | 2 |
| Grain | Weyermann - Acidulated Malt | 0.2 kg (3%) | 80 % | 6 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------------|--------|--------|------------|
| Boil | Zula | 30 g | 60 min | 9.7 % |
| Boil | styrian wolf | 30 g | 15 min | 7.2 % |
| Aroma (end of boil) | styrian wolf | 60 g | 5 min | 7.2 % |
| Aroma (end of boil) | Zula Polish Hops | 60 g | 5 min | 9.7 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

| | | | | |
|-------------------------|-------|--------|--------|-------------|
| Wyeast - Bohemian Lager | Lager | Liquid | 500 ml | Wyeast Labs |
|-------------------------|-------|--------|--------|-------------|

Notes

- Drożdże - gęstwa drugie pokolenie
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