

Ale Pils 2

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **26**
- SRM **17.8**

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 liter(s)**
- Total mash volume **20 liter(s)**

Steps

- Temp **63 C**, Time **30 min**
- Temp **73 C**, Time **30 min**
- Temp **78 C**, Time **15 min**

Mash step by step

- Heat up **15 liter(s)** of strike water to **70.2C**
- Add grains
- Keep mash **30 min** at **63C**
- Keep mash **30 min** at **73C**
- Keep mash **15 min** at **78C**
- Sparge using **15.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-------------------------------|--------------|-------|-----|
| Grain | Strzegom Pilzneński | 1.5 kg (30%) | 80 % | 4 |
| Grain | Château Aroma 100 EBC | 2.5 kg (50%) | 80 % | 100 |
| Grain | Viking Pale Ale malt | 0.5 kg (10%) | 80 % | 5 |
| Grain | Colorado Honig (Viking Malt) | 0.5 kg (10%) | 80 % | 12 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|---------|--------|--------|------------|
| Aroma (end of boil) | Polaris | 10 g | 20 min | 19 % |
| Boil | Mosaic | 20 g | 20 min | 10 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 11.5 g | Fermentis |