

EKG Pils

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **38**
- SRM **3.5**
- Style **Bohemian Pilsener**

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 **86 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12.9 liter(s)**
- Total mash volume **17.2 liter(s)**

Steps

- Temp **68 C**, Time **50 min**
- Temp **72 C**, Time **10 min**
- Temp **78 C**, Time **1 min**

Mash step by step

- Heat up **12.9 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **50 min** at **68C**
- Keep mash **10 min** at **72C**
- Keep mash **1 min** at **78C**
- Sparge using **16.7 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | Viking Pilsner malt | 3.5 kg (81.4%) | 82 % | 4 |
| Grain | Viking Vienna Malt | 0.5 kg (11.6%) | 79 % | 7 |
| Grain | BESTMALZ - Best Wheat Malt | 0.3 kg (7%) | 82 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|-----------------------|--------|--------|------------|
| Boil | Magnat | 20 g | 60 min | 11.2 % |
| Aroma (end of boil) | Saaz (Czech Republic) | 20 g | 10 min | 4.5 % |
| Aroma (end of boil) | East Kent Goldings | 20 g | 10 min | 5.1 % |
| Whirlpool | Saaz (Czech Republic) | 15 g | 20 min | 4.5 % |
| Whirlpool | East Kent Goldings | 20 g | 20 min | 5.1 % |