

Pils Czeski (Bohemian Pils)

- Gravity **10.5 BLG**
- ABV **4.2 %**
- IBU **25**
- SRM **4.6**
- Style **Bohemian Pilsener**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **80 min**
- Evaporation rate **10 %/h**
- Boil size **28.7 liter(s)**

Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **2.8 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20.3 liter(s)**

Steps

- Temp **55 C**, Time **10 min**
- Temp **63 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **20 min**

Mash step by step

- Heat up **15 liter(s)** of strike water to **61.2C**
- Add grains
- Keep mash **10 min** at **55C**
- Keep mash **40 min** at **63C**
- Keep mash **20 min** at **72C**
- Keep mash **20 min** at **76C**
- Sparge using **19.1 liter(s)** of **76C** water or to achieve **28.7 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|--------|-----|
| Grain | Strzegom Pilzneński | 4 kg (74.8%) | 80 % | 4 |
| Grain | Monachijski | 1 kg (18.7%) | 80 % | 16 |
| Grain | Weyermann - Carapils | 0.3 kg (5.6%) | 78 % | 4 |
| Grain | Acid Malt | 0.05 kg (0.9%) | 58.7 % | 6 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-----------------------|--------|--------|------------|
| Boil | Magnum | 10 g | 80 min | 13.5 % |
| Boil | Saaz (Czech Republic) | 15 g | 60 min | 4.5 % |
| Boil | Saaz (Czech Republic) | 15 g | 10 min | 4.5 % |
| Boil | Saaz (Czech Republic) | 25 g | 0 min | 4.5 % |

Yeasts

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

| | | | | |
|------------------|-------|-----|------|-----------|
| Saflager W 34/70 | Lager | Dry | 10 g | Fermentis |
|------------------|-------|-----|------|-----------|

Extras

| Type | Name | Amount | Use for | Time |
|--------|----------------|--------|---------|--------|
| Fining | Mech irlandzki | 10 g | Boil | 15 min |