

Polish IPA

- Gravity **15 BLG**
- ABV ---
- IBU **68**
- SRM **6**
- Style **English IPA**

Batch size

- Expected quantity of finished beer **24.5 liter(s)**
- Trub loss **4 %**
- Size with trub loss **26.7 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **29.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **28 liter(s)**

Steps

- Temp **56 C**, Time **10 min**
- Temp **69 C**, Time **60 min**

Mash step by step

- Heat up **21 liter(s)** of strike water to **62C**
- Add grains
- Keep mash **10 min** at **56C**
- Keep mash **60 min** at **69C**
- Sparge using **15.3 liter(s)** of **76C** water or to achieve **29.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|----------------|-------|-----|
| Grain | Strzegom Pilzneński | 5.5 kg (78.6%) | 80 % | 4 |
| Grain | Monachijski | 1 kg (14.3%) | 80 % | 16 |
| Grain | Pszeniczny | 0.5 kg (7.1%) | 85 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|---------|--------|----------|------------|
| Boil | lunga | 50 g | 60 min | 11 % |
| Boil | Sybilla | 50 g | 20 min | 6 % |
| Boil | Sybilla | 50 g | 5 min | 6 % |
| Boil | Sybilla | 20 g | 1 min | 6 % |
| Whirlpool | Sybilla | 30 g | 45 min | 6 % |
| Dry Hop | Marynka | 100 g | 4 day(s) | 10.5 % |
| Dry Hop | Sybilla | 50 g | 4 day(s) | 6 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 30 g | Fermentis |