

Polish Pale Ale

- Gravity **10 BLG**
- ABV **4 %**
- IBU **83**
- SRM **5.3**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **25.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12 liter(s)**
- Total mash volume **16 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|--------------------|----------------|-------|-----|
| Grain | Słód pale ale | 2 kg (50%) | --- % | 6 |
| Grain | Słód pilznieński | 1.2 kg (30%) | --- % | 4 |
| Grain | Słód żytni | 0.5 kg (12.5%) | --- % | 7 |
| Grain | Słóz melanoidynowy | 0.3 kg (7.5%) | --- % | 70 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------|--------|--------|------------|
| Boil | Zula | 35 g | 15 min | 13.3 % |
| Boil | Zula | 35 g | 55 min | 13.3 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|---------------------|------|--------|--------|------------------|
| FM51 Grodzie Dębowe | Ale | Liquid | 30 ml | Fermentum Mobile |