

Piotruś

- Gravity **22 BLG**
- ABV ---
- IBU **30**
- SRM **37**

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 **23.1 liter(s)**
- Total mash volume **30.8 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------------------------|----------------|-------|-----|
| Grain | Strzegom Wiedeński | 2.5 kg (32.5%) | 79 % | 10 |
| Grain | Monachijski Ciemny Steinbach | 2.5 kg (32.5%) | 100 % | 30 |
| Grain | Strzegom Pilzneński | 2 kg (26%) | 80 % | 4 |
| Grain | Caraaroma | 0.5 kg (6.5%) | 78 % | 400 |
| Grain | Weyermann - Carafa I | 0.2 kg (2.6%) | 70 % | 690 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil | Marynka | 30 g | 70 min | 10 % |
| Boil | Lublin (Lubelski) | 30 g | 10 min | 4 % |