

Pale Ale

- Gravity **9.3 BLG**
- ABV **3.6 %**
- IBU **62**
- SRM **4.4**
- Style **Extra Special/Strong Bitter (English Pale Ale)**

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 **70 %**
- 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 | Strzegom Pale Ale | 3.2 kg (80%) | 79 % | 6 |
| Grain | Strzegom Monachijski typ I | 0.6 kg (15%) | 79 % | 16 |
| Grain | Castlemalting - Cara Clair | 0.2 kg (5%) | 78 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|----------|--------|--------|------------|
| Boil | Phoenix | 30 g | 60 min | 11 % |
| Aroma (end of boil) | Progress | 40 g | 30 min | 5.5 % |