

Sampo

- Gravity **18.4 BLG**
- ABV **8 %**
- IBU **28**
- SRM **23**
- Style **Specialty Beer**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **11.1 liter(s)**
- Total mash volume **14.8 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | Strzegom Pilzneński | 2 kg (53.9%) | 80 % | 4 |
| Grain | Carafa II | 0.21 kg (5.7%) | 70 % | 812 |
| Grain | Strzegom Monachijski typ I | 0.5 kg (13.5%) | 79 % | 16 |
| Grain | Żytni | 0.6 kg (16.2%) | 85 % | 8 |
| Grain | Pszeniczny | 0.4 kg (10.8%) | 85 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil | Lublin (Lubelski) | 40 g | 60 min | 4 % |