

pils warsztat

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **48**
- SRM **8.9**

Batch size

- Expected quantity of finished beer **28 liter(s)**
- Trub loss **5 %**
- Size with trub loss **29.4 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **37 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|---------|---------------|-------|-----|
| Liquid Extract | Bruntal | 5.1 kg (100%) | 81 % | 26 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-----------------|--------|--------|------------|
| Boil | junga | 15 g | 60 min | 11 % |
| Boil | Magnum | 30 g | 60 min | 12 % |
| Boil | hersbucker spat | 42 g | 15 min | 2.3 % |
| Boil | Hallertau | 30 g | 5 min | 6.1 % |