

Golden Pils

- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **24**
- SRM **4.8**
- Style **German Pilsner (Pils)**

Batch size

- Expected quantity of finished beer **22.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29.7 liter(s)**

Mash information

- Mash efficiency **77 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **17.5 liter(s)**
- Total mash volume **22.5 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	3 kg (60%)	80 %	4
Grain	Viking Golden ale	2 kg (40%)	80 %	14

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnat	15 g	18 min	13.6 %
Boil	Magnum	15 g	12 min	12.7 %
Aroma (end of boil)	Citra	15 g	6 min	12.5 %