

Jachas

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **41**
- SRM **4.9**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **40 liter(s)**
- Trub loss **5 %**
- Size with trub loss **42 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **50.6 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **27.9 liter(s)**
- Total mash volume **37.2 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|---------|------------------------|----------------|-------|-----|
| Grain | Briess - Pale Ale Malt | 9.3 kg (90.3%) | 80 % | 7 |
| Adjunct | Pszenica niestodowana | 1 kg (9.7%) | 75 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | Marynka | 70 g | 60 min | 10 % |
| Boil | Marynka | 20 g | 10 min | 10 % |