

superdelic

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **24**
- SRM **5.3**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **380 liter(s)**
- Trub loss **5 %**
- Size with trub loss **399 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **480.7 liter(s)**

Mash information

- Mash efficiency **95 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **216 liter(s)**
- Total mash volume **288 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------------------|---------------|-------|-----|
| Grain | Simpsons best pale ale | 47 kg (65.3%) | 80 % | 5 |
| Grain | Simpsons Munich Malt | 25 kg (34.7%) | 80 % | 22 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------|--------|----------|------------|
| Boil | superdelic | 300 g | 60 min | 9.5 % |
| Boil | superdelic | 1000 g | 3 min | 9.5 % |
| Dry Hop | superdelic | 2000 g | 5 day(s) | 9.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
| 05 | Ale | Dry | 500 g | --- |