

# blondyna

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- Gravity **16.6 BLG**
- ABV **7 %**
- IBU **25**
- SRM **6.4**

## Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **22.8 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **19.6 liter(s)**
- Total mash volume **25.2 liter(s)**

## Fermentables

| Type  | Name               | Amount        | Yield | EBC |
|-------|--------------------|---------------|-------|-----|
| Grain | Pilzneński         | 5 kg (89.3%)  | 81 %  | 4   |
| Grain | Carabelge          | 0.3 kg (5.4%) | 80 %  | 30  |
| Grain | Karmelowy Czerwony | 0.3 kg (5.4%) | 75 %  | 59  |

## Hops

| Use for             | Name    | Amount | Time   | Alpha acid |
|---------------------|---------|--------|--------|------------|
| Boil                | Magnat  | 10 g   | 60 min | 14 %       |
| Boil                | Marynka | 10 g   | 15 min | 10 %       |
| Aroma (end of boil) | Marynka | 25 g   | 5 min  | 10 %       |