

# IRA

- Gravity **13.6 BLG**
- ABV ---
- IBU **36**
- SRM **11.7**
- Style **Irish Red Ale**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.1 liter(s)**
- Total mash volume **20.2 liter(s)**

## Fermentables

| Type  | Name               | Amount          | Yield | EBC |
|-------|--------------------|-----------------|-------|-----|
| Grain | Karmelowy Czerwony | 0.75 kg (14.9%) | 75 %  | 59  |
| Grain | Strzegom Pale Ale  | 4 kg (79.2%)    | 79 %  | 6   |
| Grain | Jęczmień palony    | 0.05 kg (1%)    | 55 %  | 985 |
| Grain | Melanoiden Malt    | 0.25 kg (5%)    | 80 %  | 39  |

## Hops

| Use for | Name  | Amount | Time   | Alpha acid |
|---------|-------|--------|--------|------------|
| Boil    | lunga | 25 g   | 60 min | 12.5 %     |