

# Odrodzona IPA

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **79**
- SRM **4.3**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **0 %**
- Size with trub loss **10 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.1 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.37 liter(s) / kg**
- Mash size **7 liter(s)**
- Total mash volume **9.9 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**
- Temp **76 C**, Time **1 min**

## Mash step by step

- Heat up **7 liter(s)** of strike water to **78.1C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **1 min** at **76C**
- Sparge using **8.1 liter(s)** of **76C** water or to achieve **12.1 liter(s)** of wort

## Fermentables

| Type  | Name                | Amount         | Yield | EBC |
|-------|---------------------|----------------|-------|-----|
| Grain | Strzegom Pilzneński | 2.5 kg (84.7%) | 80 %  | 4   |
| Grain | Cara-Pils/Dextrine  | 0.25 kg (8.5%) | 72 %  | 4   |
| Grain | Strzegom Pszeniczny | 0.2 kg (6.8%)  | 81 %  | 6   |

## Hops

| Use for   | Name       | Amount | Time     | Alpha acid |
|-----------|------------|--------|----------|------------|
| Boil      | Waimea     | 20 g   | 60 min   | 17 %       |
| Whirlpool | Centennial | 10 g   | 10 min   | 10.5 %     |
| Whirlpool | Simcoe     | 10 g   | 10 min   | 13.2 %     |
| Dry Hop   | Centennial | 20 g   | 5 day(s) | 10.5 %     |
| Dry Hop   | Simcoe     | 20 g   | 5 day(s) | 13.2 %     |

## Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 11.5 g | ---        |

## Extras

| Type        | Name            | Amount | Use for | Time   |
|-------------|-----------------|--------|---------|--------|
| Water Agent | Gips piwowarski | 5 g    | Mash    | 60 min |

|        |                |     |      |       |
|--------|----------------|-----|------|-------|
| Fining | Mech irlandzki | 2 g | Boil | 5 min |
|--------|----------------|-----|------|-------|