

# Samiec Beta

- Gravity **21.8 BLG**
- ABV ---
- IBU **34**
- SRM **30.3**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **40 liter(s)**
- Trub loss **5 %**
- Size with trub loss **42 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **52.9 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.8 liter(s) / kg**
- Mash size **40.3 liter(s)**
- Total mash volume **54.7 liter(s)**

## Steps

- Temp **67 C**, Time **60 min**
- Temp **76 C**, Time **5 min**

## Mash step by step

- Heat up **40.3 liter(s)** of strike water to **75.4C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **5 min** at **76C**
- Sparge using **27 liter(s)** of **76C** water or to achieve **52.9 liter(s)** of wort

## Fermentables

| Type  | Name                      | Amount         | Yield | EBC |
|-------|---------------------------|----------------|-------|-----|
| Grain | Weyermann - Pale Ale Malt | 7.6 kg (46.9%) | 85 %  | 7   |
| Grain | Weyermann - Vienna Malt   | 4.4 kg (27.2%) | 81 %  | 8   |
| Grain | Fawcett - Crystal         | 0.8 kg (4.9%)  | 70 %  | 200 |
| Grain | Special B                 | 0.5 kg (3.1%)  | 75 %  | 350 |
| Grain | Weyermann - Carafa I      | 0.6 kg (3.7%)  | 70 %  | 690 |
| Grain | Strzegom Karmel 150       | 0.2 kg (1.2%)  | 75 %  | 150 |
| Grain | Jęczmień palony           | 0.3 kg (1.9%)  | 55 %  | 985 |
| Sugar | Cukier kandyzowany        | 1.8 kg (11.1%) | 100 % | --- |

## Hops

| Use for | Name               | Amount | Time   | Alpha acid |
|---------|--------------------|--------|--------|------------|
| Boil    | East Kent Goldings | 50 g   | 15 min | 5.1 %      |
| Boil    | lunga              | 70 g   | 60 min | 11 %       |

## Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

|             |     |       |        |        |
|-------------|-----|-------|--------|--------|
| Safale S-04 | Ale | Slant | 250 ml | Safale |
|-------------|-----|-------|--------|--------|