

Russian Imperial Stout

- Gravity **28.1 BLG**
- ABV **13.6 %**
- IBU **39**
- SRM **73.5**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **7 %**
- Size with trub loss **16.1 liter(s)**
- Boil time **90 min**
- Evaporation rate **15 %/h**
- Boil size **21.6 liter(s)**

Mash information

- Mash efficiency **60 %**
- Liquor-to-grist ratio **2.75 liter(s) / kg**
- Mash size **22.8 liter(s)**
- Total mash volume **31.1 liter(s)**

Steps

- Temp **66 C**, Time **75 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **22.8 liter(s)** of strike water to **74.4C**
- Add grains
- Keep mash **75 min** at **66C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **7.1 liter(s)** of **76C** water or to achieve **21.6 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|---------------------------------|--------------|-------|------|
| Grain | Viking Pale Ale malt | 5 kg (50%) | 80 % | 5 |
| Grain | Strzegom Monachijski typ I | 2 kg (20%) | 79 % | 16 |
| Grain | Karmelowy Jasny 30EBC | 0.2 kg (2%) | 75 % | 30 |
| Grain | Strzegom Karmel 150 | 0.2 kg (2%) | 75 % | 150 |
| Grain | Strzegom Czekoladowy ciemny | 0.2 kg (2%) | 68 % | 1200 |
| Grain | Jęczmień palony | 0.2 kg (2%) | 55 % | 985 |
| Liquid Extract | Gozdawa ekstrakt słodowy ciemny | 1.7 kg (17%) | 80 % | 650 |
| Grain | Płatki owsiane | 0.5 kg (5%) | 60 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil | Marynka | 50 g | 60 min | 9.1 % |
| Boil | Lublin (Lubelski) | 25 g | 15 min | 4.5 % |

Yeasts

Recipe has been printed via **BREWNES.com** - a complex online solution for homebrewers to track brewing process easily.

| Name | Type | Form | Amount | Laboratory |
|-------------|-------------|-------------|---------------|-------------------|
| Safale S-04 | Ale | Slant | 400 ml | Safale |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|-------------------------------|---------------|----------------|-------------|
| Other | Płatki dębowe mocno palone | 25 g | Secondary | 7 day(s) |