

# Rum BA Baltic Porter

- Gravity **21.6 BLG**
- ABV **9.7 %**
- IBU **44**
- SRM **48.9**
- Style **Baltic Porter**

## Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.3 liter(s) / kg**
- Mash size **12.6 liter(s)**
- Total mash volume **18.1 liter(s)**

## Steps

- Temp **64 C**, Time **20 min**
- Temp **68 C**, Time **75 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **12.6 liter(s)** of strike water to **73.6C**
- Add grains
- Keep mash **20 min** at **64C**
- Keep mash **75 min** at **68C**
- Keep mash **5 min** at **78C**
- Sparge using **8.1 liter(s)** of **76C** water or to achieve **15.2 liter(s)** of wort

## Fermentables

| Type  | Name                  | Amount         | Yield | EBC |
|-------|-----------------------|----------------|-------|-----|
| Grain | Pilzneński            | 3 kg (54.5%)   | 81 %  | 4   |
| Grain | Monachijski           | 1 kg (18.2%)   | 80 %  | 16  |
| Grain | Strzegom Karmel 600   | 0.5 kg (9.1%)  | 68 %  | 601 |
| Grain | Karmelowy Jasny 30EBC | 0.5 kg (9.1%)  | 75 %  | 30  |
| Grain | Carafa                | 0.25 kg (4.5%) | 70 %  | 664 |
| Grain | Czekoladowy           | 0.25 kg (4.5%) | 60 %  | 788 |

## Hops

| Use for | Name              | Amount | Time   | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil    | Marynka           | 30 g   | 60 min | 10 %       |
| Boil    | Lublin (Lubelski) | 20 g   | 15 min | 4 %        |

## Yeasts

| Name                    | Type  | Form   | Amount | Laboratory  |
|-------------------------|-------|--------|--------|-------------|
| Wyeast - Bohemian Lager | Lager | Liquid | 75 ml  | Wyeast Labs |

## Extras

| Type   | Name                  | Amount | Use for   | Time      |
|--------|-----------------------|--------|-----------|-----------|
| Flavor | Płatki Dębowe Bourbon | 30 g   | Secondary | 30 day(s) |