

- Gravity **24.6 BLG**
- ABV **11.4 %**
- IBU **106**
- SRM **66.7**
- Style **Russian Imperial Stout**

### Batch size

- Expected quantity of finished beer **18.5 liter(s)**
- Trub loss **8 %**
- Size with trub loss **20 liter(s)**
- Boil time **60 min**
- Evaporation rate **12 %/h**
- Boil size **24.9 liter(s)**

### Mash information

- Mash efficiency **68 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **33.6 liter(s)**
- Total mash volume **44.8 liter(s)**

### Fermentables

| Type  | Name                             | Amount        | Yield | EBC  |
|-------|----------------------------------|---------------|-------|------|
| Grain | Strzegom Pilzneński              | 5 kg (44.6%)  | 80 %  | 4    |
| Grain | Strzegom Wiedeński               | 1 kg (8.9%)   | 79 %  | 10   |
| Grain | Płatki owsiane                   | 1 kg (8.9%)   | 85 %  | 3    |
| Grain | Viking Malt<br>Wędzony Czereśnią | 0.7 kg (6.2%) | 82 %  | 10   |
| Grain | Pszeniczny                       | 0.5 kg (4.5%) | 85 %  | 4    |
| Grain | Karmelowy Jasny<br>30EBC         | 0.5 kg (4.5%) | 75 %  | 30   |
| Grain | Fawcett - Dark<br>Crystal        | 0.3 kg (2.7%) | 71 %  | 300  |
| Grain | Strzegom Karmel<br>150           | 0.5 kg (4.5%) | 75 %  | 150  |
| Grain | Strzegom pszenica<br>prażona     | 0.8 kg (7.1%) | 70 %  | 1000 |
| Grain | Weyermann -<br>Carafa I          | 0.4 kg (3.6%) | 70 %  | 690  |
| Grain | Jęczmień palony                  | 0.5 kg (4.5%) | 55 %  | 985  |

### Hops

| Use for             | Name              | Amount | Time   | Alpha acid |
|---------------------|-------------------|--------|--------|------------|
| Boil                | Magnum            | 100 g  | 45 min | 11.5 %     |
| Boil                | Mosaic            | 40 g   | 35 min | 12 %       |
| Aroma (end of boil) | Lublin (Lubelski) | 40 g   | 8 min  | 4 %        |

### Yeasts

| Name         | Type | Form  | Amount | Laboratory |
|--------------|------|-------|--------|------------|
| Safale US-05 | Ale  | Slant | 200 ml | Fermentis  |