

RIS

- Gravity **25.1 BLG**
- ABV **11.7 %**
- IBU **81**
- SRM **60.6**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **10 %**
- Size with trub loss **12.1 liter(s)**
- Boil time **120 min**
- Evaporation rate **10 %/h**
- Boil size **15.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **15.3 liter(s)**
- Total mash volume **21.4 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------------|-----------------|-------|------|
| Grain | Pilzneński | 4.86 kg (79.4%) | 81 % | 4 |
| Grain | Weyermann Caramunich 3 | 0.42 kg (6.9%) | 76 % | 150 |
| Grain | Weyermann - Carafa III | 0.42 kg (6.9%) | 70 % | 1024 |
| Grain | Jęczmień palony | 0.42 kg (6.9%) | 55 % | 985 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------|--------|--------|------------|
| Boil | Magnum | 26 g | 60 min | 11.5 % |
| Boil | Mosaic | 26 g | 30 min | 12 % |
| Boil | Mosaic | 26 g | 15 min | 12 % |