

ris

- Gravity **28.1 BLG**
- ABV **13.6 %**
- IBU **61**
- SRM **62.7**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **19.9 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **20.3 liter(s)**
- Total mash volume **28.4 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|---------------------------------|----------------|-------|------|
| Grain | pale ale | 5 kg (59.5%) | --- % | --- |
| Grain | Strzegom Pszeniczny | 1.5 kg (17.9%) | 81 % | 6 |
| Grain | Płatki owsiane | 0.5 kg (6%) | 85 % | 3 |
| Grain | Jęczmień palony | 0.5 kg (6%) | 55 % | 1200 |
| Grain | Carafa II | 0.3 kg (3.6%) | 70 % | 1100 |
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| Liquid Extract | Miód Gryczany (Buckwheat Honey) | 0.3 kg (3.6%) | 70 % | 40 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | Sybilla | 120 g | 60 min | 6.5 % |