

Imperial Stout

- Gravity **32.5 BLG**
- ABV **16.5 %**
- IBU **43**
- SRM **58.6**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **22.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **21.3 liter(s)**
- Total mash volume **29.8 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|--------------------------|----------------|-------|-----|
| Grain | Pilzneński | 2.5 kg (22.7%) | 81 % | 4 |
| Grain | Cara Gold Castlemalting | 0.5 kg (4.5%) | 78 % | 120 |
| Grain | Strzegom Czekoladowy 400 | 1 kg (9.1%) | 68 % | 400 |
| Grain | Pszeniczny | 2.5 kg (22.7%) | 85 % | 4 |
| Grain | ireks czekoladow | 1 kg (9.1%) | 76 % | 900 |
| Sugar | cukier trzcinowy | 1 kg (9.1%) | --- % | --- |
| Sugar | cukier brązowy | 0.5 kg (4.5%) | --- % | --- |
| Grain | Płatki owsiane | 1 kg (9.1%) | 85 % | 3 |
| Sugar | laktoza | 1 kg (9.1%) | --- % | --- |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|---------|--------|--------|------------|
| Boil | Marynka | 40 g | 60 min | 8 % |
| Boil | Chinook | 15 g | 60 min | 11.1 % |
| Boil | Marynka | 40 g | 30 min | 8 % |
| Aroma (end of boil) | Chinook | 15 g | 5 min | 11.1 % |
| Aroma (end of boil) | Marynka | 20 g | 5 min | 8 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|---------------------------------------|------|-------|---------|------------|
| WLP099 - Super High Gravity Ale Yeast | Ale | Slant | 2000 ml | White Labs |

Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

| | | | | |
|--------|-----------------------------|--------|-----------|-----------|
| Flavor | ziarno kakaowca | 100 g | Secondary | 21 day(s) |
| Flavor | płatki dębowe macerowane | 50 g | Secondary | 21 day(s) |
| Flavor | czarna porzeczka | 2000 g | Secondary | 15 day(s) |