

# PRIS Russian Imperial Stout

- Gravity **27 BLG**
- ABV **12.9 %**
- IBU **83**
- SRM **46.1**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **10.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **13.3 liter(s)**

## Mash information

- Mash efficiency **81 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **5.1 liter(s)**
- Total mash volume **6.4 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Ekstrakt słodowy pale ale Bruntal	3.4 kg (72.6%)	80 %	---
Grain	Strzegom Pilzneński	0.25 kg (5.3%)	80 %	4
Grain	Jęczmień palony	0.25 kg (5.3%)	55 %	985
Grain	Fawcett - Dark Crystal	0.28 kg (6%)	71 %	300
Grain	Carafa II	0.1 kg (2.1%)	70 %	812
Grain	Carafa III	0.15 kg (3.2%)	70 %	1034
Grain	Strzegom Monachijski typ II	0.25 kg (5.3%)	79 %	22

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnat	30 g	60 min	13.2 %
Boil	Columbus/Tomahawk/Zeus	7 g	60 min	15.5 %
Boil	Marynka	7 g	20 min	8.7 %
Boil	Lublin (Lubelski)	60 g	20 min	4.6 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM54 Gorączka kalifornijska	Ale	Liquid	350 ml	Fermentum Mobile