

## #13 Grodzie

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- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **22**
- SRM **6.2**
- Style **Grodziskie/Graetzer**

### Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9 liter(s)**
- Total mash volume **12 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal ekstrakt słodowy pszeniczny	1.7 kg (36.2%)	80 %	30
Grain	Grodziski pszeniczny wędzony dębem	3 kg (63.8%)	80 %	3

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	East Kent Goldings	19 g	60 min	11.8 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-33	Ale	Dry	11.5 g	Fermentis

### Extras

Type	Name	Amount	Use for	Time
Flavor	szuszona śliwka	200 g	Boil	12 min