

## grodzisz 3

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- Gravity **7.6 BLG**
- ABV **2.9 %**
- IBU **21**
- SRM **3.4**

### Batch size

- Expected quantity of finished beer **14 liter(s)**
- Trub loss **5 %**
- Size with trub loss **14.7 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **17.7 liter(s)**

### Mash information

- Mash efficiency **60 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **9.1 liter(s)**
- Total mash volume **11.7 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Grodziski pszeniczny wędzony dębem	1.8 kg (69.2%)	80 %	3
Grain	Viking Wędzony bukiem	0.8 kg (30.8%)	82 %	10

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	5 g	60 min	7.9 %
Boil	Cascade PL	10 g	60 min	5.2 %
Whirlpool	Cascade PL	15 g	15 min	5.2 %