

# grodziskie

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- Gravity **17.5 BLG**
- ABV **7.5 %**
- IBU **21**
- SRM **14.2**
- Style **Grodziskie/Graetzer**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **28 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Żytni	3 kg (42.9%)	85 %	8
Grain	Strzegom Pilzneński	3 kg (42.9%)	80 %	4
Grain	Strzegom Karmel 150	1 kg (14.3%)	75 %	150

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	dragon	18 g	45 min	8 %
Boil	lubelski	60 g	15 min	3.2 %