

Grodziskie

- Gravity **7.8 BLG**
- ABV **3 %**
- IBU **21**
- SRM **2.8**
- 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 **9 liter(s)**
- Total mash volume **12 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Grodziskie pszeniczny wędzony dębem	1.5 kg (50%)	80 %	3
Grain	Strzegom Pszeniczny	1.5 kg (50%)	81 %	6

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	15 g	60 min	4.4 %
Boil	Lublin (Lubelski)	15 g	30 min	4.4 %
Aroma (end of boil)	Lublin (Lubelski)	15 g	15 min	4.4 %
Aroma (end of boil)	Lublin (Lubelski)	10 g	5 min	4.4 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safbrew S-33	Ale	Dry	11 g	Safbrew