

Świąteczne aka P.G

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **21**
- SRM **23.4**
- Style **Oatmeal Stout**

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 **25.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12.9 liter(s)**
- Total mash volume **17.2 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	3.5 kg (66%)	81 %	4
Grain	Caraamber	0.5 kg (9.4%)	75 %	59
Sugar	Candi Sugar, Clear	1 kg (18.9%)	78.3 %	2
Grain	Strzegom Czekoladowy ciemny	0.3 kg (5.7%)	68 %	1200

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	20 g	60 min	10 %