

# 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<br>Czekoladowy ciemny | 0.3 kg (5.7%) | 68 %   | 1200 |

## Hops

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