

Kociółek wersja 2 2024

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **19**
- SRM **3.5**

Batch size

- Expected quantity of finished beer **40 liter(s)**
- Trub loss **5 %**
- Size with trub loss **42 liter(s)**
- Boil time **70 min**
- Evaporation rate **5 %/h**
- Boil size **48.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **32.9 liter(s)**
- Total mash volume **42.3 liter(s)**

Steps

- Temp **52 C**, Time **10 min**
- Temp **62 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **32.9 liter(s)** of strike water to **56.6C**
- Add grains
- Keep mash **10 min** at **52C**
- Keep mash **30 min** at **62C**
- Keep mash **30 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **25.2 liter(s)** of **76C** water or to achieve **48.7 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	8.5 kg (90.4%)	81 %	4
Grain	Pszeniczny	0.4 kg (4.3%)	85 %	4
Grain	Weyermann - Carapils	0.35 kg (3.7%)	78 %	4
Grain	Weyermann - Zakwaszajacy	0.15 kg (1.6%)	--- %	---

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnat	10 g	70 min	14 %
Boil	Saaz (Czech Republic)	40 g	40 min	3.2 %
Boil	Premiant	10 g	30 min	9.8 %