# Czech sea - starter

- Gravity 7.6 BLG
- ABV 2.9 %
- IBU **14**
- SRM 3.1

### **Batch size**

- Expected quantity of finished beer 10 liter(s)
- Trub loss 10 %
- Size with trub loss 12 liter(s)
- Boil time 90 min
- Evaporation rate 10 %/h
- Boil size 14.9 liter(s)

## **Mash information**

- Mash efficiency 70 %
- Liquor-to-grist ratio 4 liter(s) / kg
- Mash size 7.2 liter(s)
- Total mash volume 9 liter(s)

### Steps

- Temp 68 C, Time 60 min
  Temp 77 C, Time 15 min

## Mash step by step

- Heat up 7.2 liter(s) of strike water to 74C
- Add grains
- Keep mash 60 min at 68C
- Keep mash 15 min at 77C
- Sparge using 9.5 liter(s) of 76C water or to achieve 14.9 liter(s) of wort

#### **Fermentables**

Туре	Name	Amount	Yield	EBC
Grain	Pilzneński	1.75 kg <i>(97.2%)</i>	81 %	4
Grain	Karmelowy 50EBC	0.05 kg <i>(2.8%)</i>	75 %	50

# Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Premiant	8 g	45 min	8 %
Dry Hop	Saaz (Czech Republic)	13 g	3 day(s)	4.5 %

### **Yeasts**

Name	Туре	Form	Amount	Laboratory
Wyeast - Czech Pils	Lager	Liquid	65.79 ml	Wyeast Labs

#### **Notes**

 Piwo na rozbujanie drożdży. Feb 28, 2021, 3:13 PM