

# Mega Soczkers 3

- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **14**
- SRM **4.2**

## Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.3 liter(s) / kg**
- Mash size **23.1 liter(s)**
- Total mash volume **30.1 liter(s)**

## Steps

- Temp **64 C**, Time **40 min**
- Temp **72 C**, Time **40 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **23.1 liter(s)** of strike water to **70.7C**
- Add grains
- Keep mash **40 min** at **64C**
- Keep mash **40 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **11.7 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	5 kg (71.4%)	81 %	4
Grain	Płatki pszeniczne	1 kg (14.3%)	85 %	3
Grain	Płatki owsiane	1 kg (14.3%)	85 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	20 g	10 min	12 %
Boil	Mosaic	20 g	10 min	10 %
Whirlpool	Citra	30 g	0 min	12 %
Whirlpool	Mosaic	30 g	0 min	10 %
Dry Hop	Galaxy	50 g	3 day(s)	15 %
Dry Hop	Amarillo	50 g	3 day(s)	9.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM52 Amerykański Sen	Ale	Slant	150 ml	Fermentum Mobile
FM53 Voss kveik	Ale	Liquid	150 ml	FM