

## Klasyka kinematografi Niemieckiej vol.4

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- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **11**
- SRM **4.3**
- Style **Weizen/Weissbier**

### Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **2 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **32.2 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **21.7 liter(s)**
- Total mash volume **27.9 liter(s)**

### Steps

- Temp **44 C**, Time **20 min**
- Temp **63 C**, Time **50 min**
- Temp **72 C**, Time **20 min**

### Mash step by step

- Heat up **21.7 liter(s)** of strike water to **47.4C**
- Add grains
- Keep mash **20 min** at **44C**
- Keep mash **50 min** at **63C**
- Keep mash **20 min** at **72C**
- Sparge using **16.7 liter(s)** of **76C** water or to achieve **32.2 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann pszeniczny jasny	3.1 kg (50%)	80 %	6
Grain	Weyermann - Pilsner Malt	3.1 kg (50%)	81 %	5

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka (PL)	10 g	60 min	8 %
Boil	Marynka (PL)	20 g	5 min	8 %
Boil	Lubelski (PL)	20 g	5 min	4 %

### Yeasts

Name	Type	Form	Amount	Laboratory
WLP300 - Hefeweizen Ale Yeast	Wheat	Slant	100 ml	White Labs