

# Smoke Porter Inspirowane Smokehead z Palatum

- Gravity **20.5 BLG**
- ABV **9 %**
- IBU **54**
- SRM **37.5**
- Style **Other Smoked Beer**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22 liter(s)**
- Boil time **80 min**
- Evaporation rate **15 %/h**
- Boil size **31.2 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **26.1 liter(s)**
- Total mash volume **34.8 liter(s)**

## Steps

- Temp **71 C**, Time **60 min**
- Temp **78 C**, Time **1 min**

## Mash step by step

- Heat up **26.1 liter(s)** of strike water to **79.5C**
- Add grains
- Keep mash **60 min** at **71C**
- Keep mash **1 min** at **78C**
- Sparge using **13.8 liter(s)** of **76C** water or to achieve **31.2 liter(s)** of wort

## Fermentables

| Type  | Name                        | Amount         | Yield | EBC  |
|-------|-----------------------------|----------------|-------|------|
| Grain | Viking Wędzony olchą        | 5.5 kg (63.2%) | 82 %  | 10   |
| Grain | Carafa III                  | 0.8 kg (9.2%)  | 70 %  | 1034 |
| Grain | Żytni                       | 0.8 kg (9.2%)  | 85 %  | 8    |
| Grain | Viking Wędzony bukiem       | 0.8 kg (9.2%)  | 82 %  | 10   |
| Grain | Casle Malting Whisky Nature | 0.8 kg (9.2%)  | 85 %  | 4    |

## Hops

| Use for | Name               | Amount | Time   | Alpha acid |
|---------|--------------------|--------|--------|------------|
| Boil    | East Kent Goldings | 100 g  | 60 min | 5.1 %      |
| Boil    | East Kent Goldings | 100 g  | 15 min | 5.1 %      |

## Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 11.5 g | Fermentis  |

## Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

|        |             |        |      |        |
|--------|-------------|--------|------|--------|
| Fining | Whirlfloc T | 1.26 g | Boil | 15 min |
|--------|-------------|--------|------|--------|

## Notes

- Próba stworzenia klona piwa Smokehead z browaru Palatum. Pewnie nie wyjdzie tak dobre, ale warto spróbować  
*Sep 20, 2022, 1:47 PM*