

PLUMMY SMOKED PORTER 1(5)

- Gravity **17.4 BLG**
- ABV ---
- IBU **34**
- SRM **40**
- Style **Brown Porter**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **18 %/h**
- Boil size **26 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **26 liter(s)**

Steps

- Temp **68 C**, Time **70 min**
- Temp **78 C**, Time **0 min**

Mash step by step

- Heat up **19.5 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **70 min** at **68C**
- Keep mash **0 min** at **78C**
- Sparge using **13 liter(s)** of **76C** water or to achieve **26 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------------|---------------|-------|------|
| Grain | Strzegom Pale Ale | 2 kg (30.8%) | 79 % | 6 |
| Grain | Strzegom Monachijski typ I | 3 kg (46.2%) | 79 % | 16 |
| Grain | Carahell | 0.2 kg (3.1%) | 77 % | 26 |
| Grain | Peat Smoked Malt Light | 0.5 kg (7.7%) | 74 % | 6 |
| Grain | Strzegom Czekoladowy ciemny | 0.4 kg (6.2%) | 68 % | 1200 |
| Grain | Crystal Dark | 0.4 kg (6.2%) | 74 % | 158 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------------|--------|--------|------------|
| Boil | Kent Goldings | 30 g | 60 min | 5 % |
| Boil | Kent Goldings | 40 g | 30 min | 5 % |
| Boil | Kent Goldings | 30 g | 10 min | 5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|---------------------------------|------|------|--------|-----------------|
| Mangrove Jack's M07 British Ale | Ale | Dry | 10 g | Mangrove Jack's |

Extras

| Type | Name | Amount | Use for | Time |
|--------|------------------------------------|--------|-----------|----------|
| Fining | Mech irlandzki | 5 g | Boil | 10 min |
| Flavor | Śliwka dymiona | 650 g | Boil | 10 min |
| Flavor | Suszone Chili Ancho | 10 g | Boil | 10 min |
| Flavor | Macerowane w whisky śliwki dymione | 200 g | Secondary | 7 day(s) |