

# Imperialny wędzony Porter Bałtycki

- Gravity **22.9 BLG**
- ABV **10.4 %**
- IBU **60**
- SRM **46.8**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **0 %**
- Size with trub loss **20 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **66 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **33.6 liter(s)**
- Total mash volume **44.8 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Monachijski typ I	3.36 kg (30%)	77 %	16
Grain	Słód wędzony torfem	3.024 kg (27%)	77 %	4
Grain	Grodziski pszeniczny wędzony dębem	2.464 kg (22%)	77 %	3
Grain	Słód Caramunich Typ II Weyermann	0.896 kg (8%)	77 %	120
Grain	Caraaroma	0.784 kg (7%)	77 %	400
Grain	Carafa I special	0.672 kg (6%)	77 %	900

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	82 g	60 min	10 %