

Niedogaszony ala Niedorznięty z Pinty

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **38**
- SRM **78**
- Style **Dry Stout**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.9 liter(s)**
- Total mash volume **21.2 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	2.5 kg (47.2%)	79 %	6
Grain	Weyermann - Carafa I	0.7 kg (13.2%)	70 %	690
Grain	Weyermann - Carafa II	0.7 kg (13.2%)	70 %	837
Grain	Strzegom Czekoladowy 1200	0.7 kg (13.2%)	68 %	1202
Grain	Fawcett - Pale Chocolate	0.7 kg (13.2%)	71 %	600

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Dr Rudi	30 g	55 min	11.8 %

Yeasts

Name	Type	Form	Amount	Laboratory
fermentis safspirit malt (do whisky)	Ale	Dry	15 g	Fermentis