

Koleśch

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **23**
- SRM **3.3**
- Style **Kölsch**

Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.5 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **15.8 liter(s)**
- Total mash volume **20.3 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	3.7 kg (82.2%)	80 %	4
Grain	Pszoniczny	0.8 kg (17.8%)	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Phoenix (UK)-	15 g	60 min	10.3 %
Boil	Hersbrucker DE	40 g	15 min	3 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM42 Stare Nadreńskie	Ale	Liquid	1000 ml	Fermentum Mobile

Extras

Type	Name	Amount	Use for	Time
Fining	mech	4 g	Boil	10 min