

Ciemne

- Gravity **14.5 BLG**
- ABV ---
- IBU **62**
- SRM **51.6**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **22.8 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	ekstrakt słodowy ciemny Bruntal	1.7 kg (50%)	90 %	621
Liquid Extract	WES ekstrakt słodowy jasny	1.7 kg (50%)	80 %	---

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	25 g	60 min	15.5 %
Boil	Lublin (Lubelski)	25 g	20 min	4 %
Boil	Amarillo	20 g	7 min	9.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Gozdawa drożdże U.S. West Coast	Ale	Dry	10 g	---