

# Ordynarny Gorzki

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- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **30**
- SRM **7.5**
- Style **Standard/Ordinary Bitter**

## Batch size

- Expected quantity of finished beer **11.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **14.5 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **8.3 liter(s)**
- Total mash volume **11 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Simpsons - Maris Otter	2.5 kg (90.9%)	81 %	6
Grain	Caramel/Crystal Malt - 40L	0.25 kg (9.1%)	74 %	100

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	East Kent Goldings	18 g	60 min	4.7 %
Aroma (end of boil)	East Kent Goldings	15 g	10 min	4.7 %
Aroma (end of boil)	Fuggles	30 g	10 min	4.2 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	11 g	Fermentis