

# Undeath warka 312 Marcowe

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **23**
- SRM **5.9**
- Style **Oktoberfest/Märzen**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.8 liter(s)**
- Total mash volume **22.4 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Wiedeński	2.7 kg (48.2%)	79 %	10
Grain	Strzegom Pilzneński	2.5 kg (44.6%)	80 %	4
Grain	Caramunich® typ I	0.2 kg (3.6%)	73 %	80
Grain	Weyermann - Carapils	0.2 kg (3.6%)	78 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	20 g	60 min	12 %
Aroma (end of boil)	Tradition	25 g	0 min	5.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast XL 2308 Munich Lager	Lager	Liquid	1095.24 ml	dom

## Notes

- <https://www.piwo.org/forums/topic/6887-browar-undeath-czyli-warzone-na-uboczu-w-bytomiu-odrza%C5%84skim/page/75/?tab=comments#comment-495499>  
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