

Marcowe

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **23**
- SRM **6.2**
- Style **Oktoberfest/Märzen**

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 **4 liter(s) / kg**
- Mash size **20 liter(s)**
- Total mash volume **25 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	3 kg (60%)	80 %	4
Grain	Strzegom Monachijski typ I	1.5 kg (30%)	79 %	16
Grain	Karmelowy Jasny 30EBC	0.5 kg (10%)	75 %	30

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	10 g	60 min	13.5 %
Aroma (end of boil)	Magnum	15 g	10 min	13.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
glw 35	Lager	Dry	10 g	---