

## kozlak na zawody

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- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **29**
- SRM **18.5**
- Style **Maibock/Helles Bock**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **120 min**
- Evaporation rate **10 %/h**
- Boil size **27.6 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.3 liter(s) / kg**
- Mash size **20.3 liter(s)**
- Total mash volume **26.4 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	2.4 kg (39%)	80 %	4
Grain	Strzegom Monachijski typ II	2.4 kg (39%)	79 %	22
Grain	Melanoiden Malt	0.8 kg (13%)	80 %	75
Grain	Caraaroma	0.25 kg (4.1%)	78 %	400
Grain	Carahell	0.25 kg (4.1%)	77 %	26
Grain	Carafa II	0.05 kg (0.8%)	70 %	1000

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	20 g	90 min	14 %