

## MPL - Pan Pils

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- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **37**
- SRM **4.8**
- Style **Bohemian Pilsener**

### Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **10 %**
- Size with trub loss **13.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **16.6 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **10.5 liter(s)**
- Total mash volume **13.5 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	2.5 kg (83.3%)	81 %	4
Grain	Strzegom Monachijski typ II	0.5 kg (16.7%)	79 %	22

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	20 g	30 min	8 %
Whirlpool	Sybilla	50 g	20 min	5.5 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale	Lager	Dry	11 g	---