

# Mastne

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- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU ---
- SRM **11.3**
- Style **Düsseldorf Altbier**

## 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 **4.1 liter(s) / kg**
- Mash size **21.7 liter(s)**
- Total mash volume **27 liter(s)**

## Fermentables

| Type  | Name                       | Amount         | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | Strzegom Pilzneński        | 2.5 kg (47.2%) | 80 %  | 4   |
| Grain | Strzegom Monachijski typ I | 2 kg (37.7%)   | 79 %  | 16  |
| Grain | Strzegom Karmel 300        | 0.3 kg (5.7%)  | 70 %  | 299 |
| Grain | Pszeniczny                 | 0.5 kg (9.4%)  | 85 %  | 4   |