

## 50. ZULA - Polskie Jasne Piwo

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- Gravity **9.3 BLG**
- ABV **3.6 %**
- IBU **58**
- SRM **3.6**
- Style **American Pale Ale**

### 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 **12 liter(s)**
- Total mash volume **16 liter(s)**

### Fermentables

| Type  | Name                      | Amount     | Yield | EBC |
|-------|---------------------------|------------|-------|-----|
| Grain | Weyermann - Pale Ale Malt | 2 kg (50%) | 85 %  | 7   |
| Grain | Weyermann - Pilsner Malt  | 2 kg (50%) | 81 %  | 5   |

### Hops

| Use for | Name | Amount | Time   | Alpha acid |
|---------|------|--------|--------|------------|
| Boil    | Zula | 40 g   | 60 min | 7 %        |
| Boil    | Zula | 30 g   | 20 min | 7 %        |
| Boil    | Zula | 30 g   | 20 min | 7 %        |

### Yeasts

| Name        | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-33 | Ale  | Dry  | 11.5 g | Fermentis  |

### Notes

- uwarzone 10-08-2019r.  
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