

## Jasne Pełne 13 - POLSKA IPA

- Gravity **13.1 BLG**
- ABV ---
- IBU **30**
- SRM **8.6**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **28 liter(s)**
- Trub loss **5 %**
- Size with trub loss **29.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **1 %/h**
- Boil size **30 liter(s)**

### Fermentables

| Type           | Name  | Amount          | Yield | EBC |
|----------------|---|-----------------|-------|-----|
| Liquid Extract | Bruntal ekstrakt słodowy jasny (pilzeński 100%)                     | 3.4 kg (67.3%)  | 80 %  | 25  |
| Liquid Extract | Bruntal ekstrakt słodowy pszeniczny (pszeniczny 60%, pilzeński 40%) | 0.85 kg (16.8%) | 80 %  | 30  |
| Adjunct        | Oats, Flaked  | 0.4 kg (7.9%)   | 80 %  | 2   |
| Adjunct        | Barley, Flaked  | 0.4 kg (7.9%)   | 70 %  | 4   |

### Hops

| Use for | Name                     | Amount | Time     | Alpha acid |
|---------|--------------------------|--------|----------|------------|
| Boil    | Magnum                   | 20 g   | 60 min   | 13.5 %     |
| Boil    | Hallertau Hersbrucker DE | 25 g   | 30 min   | 4.5 %      |
| Dry Hop | Lublin (Lubelski) PL     | 25 g   | 5 day(s) | 4 %        |

### Yeasts

| Name         | Type | Form  | Amount | Laboratory |
|--------------|------|-------|--------|------------|
| Safale US-05 | Ale  | Slant | 150 ml | FERMENTIS  |