

# Polskie jasne 12blg 20l

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- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **31**
- SRM **4.2**
- Style **German Pilsner (Pils)**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **20 %**
- Size with trub loss **25 liter(s)**
- Boil time **70 min**
- Evaporation rate **18 %/h**
- Boil size **33.9 liter(s)**

## Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

## Fermentables

| Type  | Name                     | Amount       | Yield | EBC |
|-------|--------------------------|--------------|-------|-----|
| Grain | Pilznieński              | 5.7 kg (95%) | 81 %  | 4   |
| Grain | Karmelowy Jasny<br>30EBC | 0.3 kg (5%)  | 75 %  | 30  |

## Hops

| Use for | Name              | Amount | Time   | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil    | Marynka           | 25 g   | 60 min | 10 %       |
| Boil    | Lublin (Lubelski) | 20 g   | 20 min | 4 %        |
| Boil    | Lublin (Lubelski) | 20 g   | 10 min | 4 %        |