

Polskie jasne 12blg 20l

- 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 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 % |