

# Jaki kurna Rogen

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- Gravity **12.7 BLG**
- ABV ---
- IBU **22**
- SRM **13.5**

## Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **22.8 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12.6 liter(s)**
- Total mash volume **16.8 liter(s)**

## Fermentables

| Type  | Name                       | Amount        | Yield | EBC |
|-------|----------------------------|---------------|-------|-----|
| Grain | Strzegom Pale Ale          | 1 kg (23.8%)  | 79 %  | 6   |
| Grain | Strzegom Monachijski typ I | 1 kg (23.8%)  | 79 %  | 16  |
| Grain | ŻYTNI                      | 2 kg (47.6%)  | 80 %  | 20  |
| Grain | Strzegom Karmel 150        | 0.2 kg (4.8%) | 75 %  | 150 |

## Hops

| Use for | Name      | Amount | Time   | Alpha acid |
|---------|-----------|--------|--------|------------|
| Boil    | Marynka   | 15 g   | 60 min | 10 %       |
| Boil    | hellertau | 20 g   | 5 min  | 4.5 %      |
| Boil    | hellertau | 10 g   | 0 min  | 4.5 %      |