

# Sosnowe IPA

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- Gravity **11.9 BLG**
- ABV ---
- IBU **44**
- SRM **6.9**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **24 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **28.6 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

## Fermentables

| Type  | Name              | Amount        | Yield | EBC |
|-------|-------------------|---------------|-------|-----|
| Grain | Strzegom Pale Ale | 5 kg (90.9%)  | 79 %  | 6   |
| Grain | Caramunich® typ I | 0.5 kg (9.1%) | 73 %  | 80  |

## Hops

| Use for | Name                   | Amount | Time     | Alpha acid |
|---------|------------------------|--------|----------|------------|
| Boil    | Columbus/Tomahawk/Zeus | 30 g   | 60 min   | 14.6 %     |
| Dry Hop | lunga                  | 30 g   | 7 day(s) | 12.4 %     |

## Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 11.5 g | ---        |

## Extras

| Type   | Name           | Amount | Use for | Time   |
|--------|----------------|--------|---------|--------|
| Flavor | Pędy sosny     | 150 g  | Boil    | 15 min |
| Fining | mech irlandzki | 5 g    | Boil    | 15 min |