

## Nowy początek

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **45**
- SRM **5.8**
- Style **American Pale Ale**

### Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **28.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **34.4 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **28 liter(s)**

### Fermentables

| Type  | Name              | Amount       | Yield | EBC |
|-------|-------------------|--------------|-------|-----|
| Grain | Strzegom Pale Ale | 6 kg (85.7%) | 79 %  | 6   |
| Grain | Carahell          | 1 kg (14.3%) | 77 %  | 26  |

### Hops

| Use for             | Name     | Amount | Time     | Alpha acid |
|---------------------|----------|--------|----------|------------|
| Boil                | Amarillo | 20 g   | 60 min   | 9.5 %      |
| Boil                | Comet    | 15 g   | 60 min   | 8.3 %      |
| Boil                | Amarillo | 15 g   | 30 min   | 9.5 %      |
| Boil                | Comet    | 15 g   | 30 min   | 8.3 %      |
| Aroma (end of boil) | Amarillo | 10 g   | 5 min    | 9.5 %      |
| Aroma (end of boil) | Comet    | 10 g   | 5 min    | 8.3 %      |
| Aroma (end of boil) | Amarillo | 5 g    | 1 min    | 9.5 %      |
| Aroma (end of boil) | Comet    | 10 g   | 1 min    | 8.3 %      |
| Dry Hop             | Summit   | 20 g   | 5 day(s) | 18 %       |
| Dry Hop             | Summit   | 30 g   | 3 day(s) | 18 %       |
| Dry Hop             | Summit   | 30 g   | 1 day(s) | 18 %       |

### Yeasts

| Name  | Type | Form | Amount | Laboratory |
|-------|------|------|--------|------------|
| us-05 | Ale  | Dry  | 5 g    | ---        |