

# Amarykańskie chmiele

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- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **25**
- SRM **4.8**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.4 liter(s)**
- Total mash volume **23.2 liter(s)**

## Fermentables

| Type  | Name                | Amount        | Yield | EBC |
|-------|---------------------|---------------|-------|-----|
| Grain | Strzegom Pilzneński | 5 kg (86.2%)  | 80 %  | 4   |
| Grain | Monachijski         | 0.5 kg (8.6%) | 80 %  | 16  |
| Grain | Strzegom Karmel 30  | 0.3 kg (5.2%) | 75 %  | 30  |

## Hops

| Use for | Name    | Amount | Time   | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil    | Warrior | 10 g   | 60 min | 18.5 %     |
| Boil    | Warrior | 5 g    | 30 min | 15.5 %     |
| Boil    | Cascade | 30 g   | 3 min  | 5.6 %      |