Polska leśna ipa

- Gravity **15.7 BLG**
- ABV **6.6 %**
- IBU **42**
- SRM **7.8**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **27 liter(s)**
- Trub loss **5 %**
- Size with trub loss **28.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **32.7 liter(s)**

Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **18.8 liter(s)**
- Total mash volume **26.3 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg *(66.7%)*	80 %	5
Grain	Viking Pilsner malt	1 kg *(13.3%)*	82 %	4
Grain	Karmelowy Pszeniczny Strzegom	0.5 kg *(6.7%)*	79 %	130
Grain	Viking Wheat Malt	1 kg *(13.3%)*	83 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	35 g	60 min	11 %
Boil	Izabella	15 g	30 min	5.1 %
Boil	Amarillo	15 g	60 min	9.5 %
Aroma (end of boil)	Izabella	15 g	0 min	5.1 %

Yeasts

Name	Type	Form	Amount	Laboratory
Us 05	Ale	Slant	350 ml	---

Extras

Type	Name	Amount	Use for	Time
Herb	Igły świerka i sosny	150 g	Boil	30 min
Herb	Igły świerka i sosny	50 g	Boil	0 min

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.