

## west coast ipa tt

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- Gravity **13.3 BLG**
- ABV ---
- IBU **75**
- SRM **4.5**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **610 liter(s)**
- Trub loss **5 %**
- Size with trub loss **640.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **771.6 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **420 liter(s)**
- Total mash volume **560 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	120 kg (85.7%)	85 %	5
Grain	Pszeniczny	10 kg (7.1%)	85 %	4
Grain	słód owsiany	10 kg (7.1%)	--- %	---

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	150 g	90 min	13 %
Boil	Columbus/Tomahawk/Zeus	700 g	90 min	15.5 %
Boil	Amarillo	300 g	90 min	9.5 %
Boil	Magnum	200 g	90 min	13.5 %