

## Pokerzysta - Foreign Stout

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- Gravity **16.4 BLG**
- ABV **6.9 %**
- IBU **48**
- SRM **39.6**
- Style **Foreign Extra Stout**

### Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **19.3 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.6 liter(s)**
- Total mash volume **20.8 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Monachijski typ II	2 kg (38.5%)	79 %	22
Grain	Viking Pale Ale malt	2 kg (38.5%)	80 %	5
Grain	Strzegom Czekoladowy jasny	1 kg (19.2%)	68 %	400
Grain	Jęczmień palony	0.2 kg (3.8%)	55 %	985

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	15 g	60 min	15.5 %
Aroma (end of boil)	Styrian Golding	15 g	15 min	14.5 %
Aroma (end of boil)	Styrian Golding	15 g	5 min	14.5 %
Whirlpool	Columbus/Tomahawk/Zeus	15 g	0 min	15.5 %

### Extras

Type	Name	Amount	Use for	Time
Spice	Laska wanili	5 g	Boil	20 min