

stout na zeusie

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **51**
- SRM **27**

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 **17.7 liter(s)**
- Total mash volume **23.6 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (84.7%)	80 %	5
Grain	Strzegom Karmel 600	0.9 kg (15.3%)	68 %	601

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	50 g	15 min	15.5 %
Aroma (end of boil)	Columbus/Tomahawk/Zeus	50 g	5 min	15.5 %