

# High Gravity RIS

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- Gravity **38.9 BLG**
- ABV **21.5 %**
- IBU **65**
- SRM **69.7**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **15.4 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **31.2 liter(s)**
- Total mash volume **41.6 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	9.2 kg (88.5%)	80 %	5
Grain	Strzegom Czekoladowy 1200	0.5 kg (4.8%)	68 %	1202
Grain	Strzegom Karmel 600	0.4 kg (3.8%)	68 %	601
Grain	Jęczmień palony	0.3 kg (2.9%)	55 %	985

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	50 g	60 min	15.5 %
Boil	Amarillo	30 g	60 min	9.5 %

## Extras

Type	Name	Amount	Use for	Time
Other	płatki dębowe whisky	100 g	Secondary	5 day(s)