

## Black Sheep IPA 2

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- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **40**
- SRM **33.4**
- Style **Black IPA**

### Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **29 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **26 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale zero	4 kg (61.5%)	79 %	5
Grain	Viking Karmelowy 150 EBC	1 kg (15.4%)	75 %	150
Grain	Strzegom Żytmi	1 kg (15.4%)	75 %	40
Grain	Strzegom Czekoladowy ciemny	0.5 kg (7.7%)	68 %	1200

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	25 g	60 min	12 %
Aroma (end of boil)	Mosaic	30 g	15 min	10 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Gozdawa U.S. West Coast	Ale	Dry	10 g	Gozdawa

### Extras

Type	Name	Amount	Use for	Time
Fining	Mech irlandzki	10 g	Boil	15 min