

Ipka 9/20

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **67**
- SRM **4.3**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **15.5 liter(s)**

Mash information

- Mash efficiency **72 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **10.8 liter(s)**
- Total mash volume **13.9 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilsner (2 Row) Bel	2.5 kg (80.6%)	79 %	4
Grain	Pszeniczny	0.25 kg (8.1%)	85 %	3
Grain	Carahell	0.15 kg (4.8%)	77 %	26
Grain	Płatki owsiane	0.2 kg (6.5%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	15 g	60 min	11.7 %
Boil	Chinook	15 g	30 min	11.7 %
Aroma (end of boil)	Chinook	20 g	5 min	11.7 %