

AIPA 16BLG 20I TB

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **79**
- SRM **9.7**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.5 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **2.6 liter(s) / kg**
- Mash size **14 liter(s)**
- Total mash volume **19.4 liter(s)**

Steps

- Temp **67 C**, Time **90 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **14 liter(s)** of strike water to **76.1C**
- Add grains
- Keep mash **90 min** at **67C**
- Keep mash **5 min** at **78C**
- Sparge using **18.9 liter(s)** of **76C** water or to achieve **27.5 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Pale Ale Malt	4.8 kg (88.9%)	80 %	7
Grain	Strzegom Karmel 150	0.4 kg (7.4%)	75 %	150
Grain	Aroma CastleMalting	0.2 kg (3.7%)	78 %	100

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Bravo	35 g	60 min	15.5 %
Boil	Lemon drop	20 g	15 min	4.6 %
Boil	Citra	25 g	10 min	12 %
Boil	Lemon drop	25 g	5 min	4.6 %
Boil	Citra	25 g	3 min	12 %