

PLUM FES

- Gravity **19.1 BLG**
- ABV **8.3 %**
- IBU **37**
- SRM **50.5**
- Style **Foreign Extra Stout**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.3 liter(s)**
- Total mash volume **20.4 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Simpsons - Golden Promise	2 kg (39.2%)	81 %	4
Grain	Słód pszeniczny Bestmalz	1 kg (19.6%)	82 %	5
Grain	Pilzneński	1 kg (19.6%)	81 %	4
Grain	Black (Patent) Malt	0.1 kg (2%)	55 %	1350
Grain	Czekoladowy	0.2 kg (3.9%)	60 %	1000
Grain	Fawcett - Pszeniczny Czekoladowy	0.3 kg (5.9%)	73 %	1001
Grain	Caraaroma	0.1 kg (2%)	78 %	180
Grain	Special B Castle	0.2 kg (3.9%)	70 %	350
Grain	Słód owsiany Fawcett	0.2 kg (3.9%)	61 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	20 g	60 min	12.9 %

Yeasts

Name	Type	Form	Amount	Laboratory
hothead	Ale	Slant	150 ml	omega