

Pszeniczne Ciemne 12BLG

- Gravity **11.7 BLG**
- ABV ---
- IBU **15**
- SRM **19.5**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12.3 liter(s)**
- Total mash volume **16.4 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszeniczny	2.2 kg (53.7%)	85 %	4
Grain	Monachijski	0.8 kg (19.5%)	80 %	16
Grain	Strzegom Wiedeński	0.8 kg (19.5%)	79 %	10
Grain	Karmelowy Pszeniczny Strzegom	0.2 kg (4.9%)	79 %	130
Grain	Strzegom Czekoladowy ciemny	0.1 kg (2.4%)	68 %	1200

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	30 g	60 min	4 %

Yeasts

Name	Type	Form	Amount	Laboratory
Mangrove Jack's M20 Bavarian Wheat	Wheat	Dry	15 g	Mangrove Jack's