

MIODOWE

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **16**
- SRM **12.6**
- Style **Specialty Beer**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **3 %**
- Size with trub loss **20.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.9 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **10.6 liter(s)**
- Total mash volume **14.2 liter(s)**

Steps

- Temp **55 C**, Time **10 min**
- Temp **62 C**, Time **20 min**
- Temp **72 C**, Time **35 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **10.6 liter(s)** of strike water to **60.9C**
- Add grains
- Keep mash **10 min** at **55C**
- Keep mash **20 min** at **62C**
- Keep mash **35 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **17.9 liter(s)** of **76C** water or to achieve **24.9 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	2 kg (36%)	80 %	4
Grain	Abbey Malt Weyermann	1 kg (18%)	75 %	45
Grain	Caramunich® typ I	0.25 kg (4.5%)	73 %	80
Grain	Płatki owsiane	0.3 kg (5.4%)	85 %	3
Liquid Extract	Miód Gryczany (Buckwheat Honey)	2 kg (36%)	70 %	40

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Challenger	20 g	45 min	7 %
Boil	Challenger	10 g	10 min	7 %
Dry Hop	Challenger	20 g	7 day(s)	7 %

Yeasts

Name	Type	Form	Amount	Laboratory
S-04	Ale	Dry	11.5 g	Fermentis

Extras

Type	Name	Amount	Use for	Time
Flavor	Ksylitol	350 g	Secondary	0 day(s)