

# Gumiok z milanówka

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- Gravity **21.6 BLG**
- ABV **9.7 %**
- IBU ---
- SRM **6**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **55 liter(s)**
- Trub loss **5 %**
- Size with trub loss **57.8 liter(s)**
- Boil time **120 min**
- Evaporation rate **10 %/h**
- Boil size **76 liter(s)**

## Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **2.75 liter(s) / kg**
- Mash size **76.3 liter(s)**
- Total mash volume **104.1 liter(s)**

## Steps

- Temp **69 C**, Time **120 min**

## Mash step by step

- Heat up **76.3 liter(s)** of strike water to **77.9C**
- Add grains
- Keep mash **120 min** at **69C**
- Sparge using **27.5 liter(s)** of **76C** water or to achieve **76 liter(s)** of wort

## Fermentables

| Type  | Name       | Amount          | Yield | EBC |
|-------|------------|-----------------|-------|-----|
| Grain | Pilzneński | 27.75 kg (100%) | 81 %  | 4   |