

## Starting Formulation, CAR - 4064

Jan 17<sup>th</sup>, 2020  
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### End-Use Homecare

Car finisher with water repellency

Sprayable, car polish formulation with high water repellency and surface protection

Utilizing AQUACER 1550 R, BYK-9890 and OPTIGEL-WX

### Formulation

| Pos. | Component            | Supplier       | Function           | Weight [g] |
|------|----------------------|----------------|--------------------|------------|
| 1    | Demineralized water  |                | Solvent            | 87.8       |
| 2    | Parmetol MBX (9%)    | Vink Chemicals | Biocide            | 0.1        |
| 3    | OPTIGEL-WX (100%)    | BYK            | Rheology increase  | 1.0        |
| 4    | AQUACER 1550 R (55%) | BYK            | Surface protection | 4.5        |
| 5    | BYK-9890 (22.5%)     | BYK            | Gloss and Slip     | 6.6        |
|      |                      |                |                    | 100.0      |

### Instructions

- Mix water, Parmetol MBX and OPTIGEL-WX with a homogenizer at 2000-3000 rpm for 15 minutes
- Add AQUACER 1550 under stirring at 900 rpm
- Continue stirring at 900 rpm for 15 minutes
- Add BYK-9890 under stirring at 900 rpm
- Continue stirring at 900 rpm for 15 minutes

### Characteristic Data/ Specification

| <b>Data</b>         | <b>Unit</b> | <b>Value</b> |
|---------------------|-------------|--------------|
| Solid wax content   | %           | 2.5          |
| Silicone content    | %           | 1.5          |
| Total solid content | %           | 5.0          |

### Further information / Application

The car polish formulation is designed to be used as is.

Spray a thin layer of the formulation on the painted surface and apply by hand using a microfiber towel.