

Starting Formulation, CAR - 4056

Jan 17th, 2020
1/3

End-Use Homecare

“All in One”, car polish with abrasive, for hand polishing of micro scratches

Sprayable, car polish formulation for hand polishing with high slip and high gloss

Utilizing AQUACER 565, BYK-9890, OPTIGEL-WX and DISPERBYK-2015

Formulation

Pos.	Component	Supplier	Function	Weight [g]
1	Demineralized water		Solvent	60.0
2	Parmetol MBX (9%)	Vink Chemicals	Biocide	0.2
3	OPTIGEL-WX (100%)	BYK	Anti-settling and body	1.0
4	DISPERBYK-2015 (40%)	BYK	Dispersing of abrasive	1.5
5	Sillitin Z 89 puriss (100%)	Hoffmann Mineral	Abrasive	6.0
6	AQUACER 565 (30%)	BYK	Surface protection	7.5
7	Demineralized water		Solvent	18.5
8	BYK-9890 (22.5%)	BYK	Gloss and Slip	5.4
				100.0

Instructions

- Mix water, Parmetol MBX and OPTIGEL-WX at 1000 rpm for 15 minutes
- Add DISPERBYK-2015 and Sillitin Z 89 puriss under stirring
- Stir the mixture at 2000-3000 rpm for 15 minutes
- Add AQUACER 565 and water under stirring at 2000-3000 rpm over 5 minutes
- Continue stirring at 2000-3000 rpm for 15 minutes
- Add BYK-9890 under stirring at 500 rpm over 3 minutes
- Continue stirring at 500 rpm for 15 minutes

Characteristic Data/ Specification

Data	Unit	Value
Solid wax content	%	2.3
Silicone content	%	1.2
Abrasive content	%	6.0
Rheology additive	%	1.0
W&D additive	%	0.6
Ratio W&D : Abrasive	%	1:10
Total solid content	%	11.1

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 gently apply by hand using a microfiber towel.