

MODELLING HAIR WAX

Matt finish
No-sticky touch
Category - Hair Care

MODELLING HAIR WAX - TECHNICAL APPLICATION SHEET

Formulation n° EW2001172

MANUFACTURING PROCESS	INGREDIENTS	INCI / CHEMISTRY	FUNCTION	WEIGHT %
Phase 1 Mix the ingredients and heat up to 85°C while stirring.	ERCAMULS GREEN - ErcaWilmar	Cetearyl Alcohol, Polyglyceryl-3 Stearate, Polyglyceryl-10 Laurate	O/W Emulsifier	5,00
	ERCAWAX CE V - ErcaWilmar	Glyceryl Stearate Citrate	O/W Emulsifier	2,00
	ERCANOL B22 V - ErcaWilmar	Behenyl Alcohol	Emulsion Stabilizer	10,00
	ERCAREL G 20 - ErcaWilmar	Octyldodecanol	Emollient	5,00
	Tocopheryl Acetate	Tocopheryl Acetate	Antioxidant	0,50
	Copernicia Cerifera Cera	Copernicia Cerifera Cera	Emulsion Stabilizer	2,00
Phase 2 Mix the ingredients and heat up to 85°C while stirring. Add Phase 1 to Phase 2 while stirring with high agitation (900 - 1000 rpm) for emulsifying. Cool down to room temperature while stirring.	Water, Demin.	Aqua	Solvent	q.b. to 100
	Pentylene Glycol, Phenylpropanol	Pentylene Glycol, Phenylpropanol	Moisturizing Agent	3,00
	Sodium Phytate, Aqua, Alcohol	Sodium Phytate, Aqua, Alcohol	Chelating Agent	0,10
	Kaolin	Kaolin	Mattifying Agent	5,00
Phase 3 Add the ingredients step by step under 40°C while stirring to Phase 1+2.	Fragrance - Expressions Parfumées	Parfum	Fragrance	0,20
Phase 4 Add the preservative system under stirring and adjust the pH to 5,0 - 6,0.	Preservative System	Preservative System	Preservative System	q.b.
	Lactic Acid	Lactic Acid	Buffering	q.b.

PRODUCT SPECIFICATIONS:

Appearance: Wax - pH: 5,0 - 6,0 - **Viscosity (Brookfield DV-E, 20°C):** 500.000 - 600.000 mPa.s - **Not microbiologically tested.**

HOW ERCA-WILMAR INGREDIENTS ADD VALUE TO THIS FORMULATION:

ERCAMULS GREEN (Cetearyl Alcohol, Polyglyceryl-3 Stearate, Polyglyceryl-10 Laurate) : ready to use blend of giving factor and emulsifiers for PEG-free O/W emulsions. It also acts as a conditioning and smoothing agent due to Polyglyceryl-10 Laurate.

ERCAWAX CE (Glyceryl Stearate Citrate): extremely versatile PEG-free emulsifier for making O/W emulsions. Imparts consistency and oil binding capacity and also works as co-emulsifier for PEG-free sensitive skin formulations providing a soft and cushiony skin feel.

ERCAREL G 20 (Octyldodecanol): multifunctional emollient with wetting and dispersing properties. Valuable solvent for sunscreens. It is extremely mild to skin and provides a light touch.

ERCANOL B 22 (Behenyl Alcohol): composed of 22C alcohol of natural, non-animal origin. It has consistency giving characteristics. In this formulation ERCANOL B 22 functions as an viscosity and structure modifier.

Disclaimer: The information presented herein describe how our products can be used. The given data, claims and procedures, are suggestions without any guarantee, aimed at supporting customers' development. Any product manufactured corresponding to the present recipe is used at own risk and may require additional testing prior to marketing in order to comply with local regulations. Unless supplied by Erca-Wilmar, we refuse any responsibility for the availability, the quality and the safety of the raw materials employed in the present formulation. As production conditions at our customers' facilities are beyond our control, we also refuse to accept any liability involved in the use of our products. Please observe possible third party patent rights.