

Starting point formulation – Solid shampoo bar – compact alternative

Simply wet shampoo bar, then massage bar into wet hair. Rinse gently until foam is gone. **RHEOBYK-7590 PC** increases the consistency of the shampoo bar while **PURABYK-P 5541 SATIN** offers conditioning and binding properties.

Formulation

Position	Component	INCI	Supplier	Function	Dosage (%)
A	Sulfopon 1216 G	Sodium Coco-Sulfate	BASF	Surfactant	20.00
	Berga Soft SCI 80	Sodium Cocoyl Isethionate	Berg+Schmidt	Surfactant	25.00
	RHEOBYK-7590 PC	Trihydroxystearin	BYK	Consistency providing agent	5.00
	Tego Alkanol 1618 MB	Cetearyl Alcohol	Evonik	Stabiliser	15.00
	Coconut Oil	Cocos Nucifera Oil	Hallstar	Emollient	10.20
	Crambe Oil	Crambe Abyssinica Seed Oil	Clariant	Emollient	10.00
	Sweet Almond oil	Prunus Amygdalus Dulcis Oil	Henry Lamotte	Emollient	8.00
B	PURABYK-P 5541 SATIN	Bentonite	BYK	Conditioner, binder	5.00
	Cosphaderm T-70	Tocopherol,, Hellantus Annuus Seed Oil	Cosphatec	Preservative	0.80
	Love Story extra	Parfum	Bell	Fragrance	1.00
Total					100.00

Instructions (manufacturing procedure)

- Melt ingredients of phase A at 75 °C, keep stirring for a while.
- Add ingredients of phase B one after the other and stir well until homogenous.
- Pour the formulation into moulds.

Characteristic data

- Appearance: solid slightly beige bar.
- Storage stability: 3 months at 40 °C.

RHEOBYK-7590 PC is a rheology additive based on a castor oil derivative and suitable for natural formulations.



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