



PERSONAL CARE
HAIR TREATMENT

STRONG HAIR GEL WAX [KD-381]



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PHASE	INCI NAME	BRAND NAME	CONCENTRATION [%]	FUNCTION
A	Aqua		up to 100.0	solvent
	Glycerin		0.5	solvent
	PPG-5-Ceteth-20	ROKAnol®LP6066	0.5	surfactant
A1	PVP		1.0	hair fixing
	PVP		1.0	hair fixing
B	Steareth-20	ROKAnol®S20	32.0	emulsifier
C	Phenoxyethanol, Ethylhexylglycerin		0.5	preservative



Stability	1 month at 5°C, 20°C, 40°C	confirmed
Apperance	visual method	clear, sticky gel
pH		5,0 – 7,5

Procedure:

1. In a separate vessel combine ingredients from phase A, A1.
2. Prepare others ingredients – phase B and C.
3. Heat phase A and B to 75-80°C.
4. Add slowly phase A1 to phase A while mixing. Keep (phase A/A1) temperature at 75-80°C.
5. Add very slowly ROKanol S20 (add small portion while mixing. Wait until uniform) to phase A/A1 diuring mixing. Maintain the temperature of 75-80 ° C until dissolved.
6. Add phase C while mixing.
7. Cool the batch down to 70°C.



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