

Hair-styling cream with Eastman AQ™ 55S polymer

This hair-styling cream with Eastman AQ™ 55S polymer provides flexible hold with easy comb-out and no flaking. All ingredients are added to one pot.

Ingredient	wt %
Deionized water	93.45
Disodium EDTA	0.05
Eastman AQ™ 55S Polyester-5	3.00
Triethyl Citrate	0.05
Carbopol™ 980 Carbomer ¹	1.00
Preservative	q.s. ²
Triethanolamine	q.s.

¹Noveon, Inc. ²Quantity sufficient

Procedure

- Combine water and disodium EDTA; heat to 75°C while stirring.
- At 75°C, add Eastman AQ™ 55S polymer pellets and turn off heat. Continue stirring until pellets are completely dispersed.
- Cool to about 40°C. Add triethyl citrate while stirring.
- When mixture reaches room temperature, sprinkle in carbomer with rapid stirring.
- Add preservative after carbomer has completely dissolved.
- Continue stirring until homogenous.
- Adjust pH to 6.5 – 7 with triethanolamine.

Formulation PC0017

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