

Anti-Frizz Shampoo Featuring:
 SilForm* HyFlex emulsion

HAIR CARE



Silform Hyflex emulsion helps provide a brushable hold with a good hair definition in anti-frizz shampoos like the one below. In this formulation it can be used to achieve a natural appearance while helping to improve the resistance to high humidity.

Phase	Ingredients	INCI Name	Wt (%)
A	Water	Aqua	10.00
	Jaguar† C162 ²	Hydroxypropyl Guar (and) Hydroxypropyl Guar Hydroxypropyltrimonium Chloride	0.10
B	Texapon† HBN DM ³ (27%)	Sodium Laureth Sulfate	25.00
	Dehyton† KE ³	Cocamidopropyl Betaine	5.00
	Comperlan† KD ³	Cocamide DEA	3.00
	Water	Water	qs to 100
	SilForm HyFlex emulsion¹	Bis-Ethylhydroxycyclohexyl Methacrylate Dimethicone/Butyl Acrylate Crosspolymer	4.00
	Euperlan† PK 771 ³	Sodium Laureth Sulfate (and) Glycol Distearate (and) Cocamide MEA (and) Laureth-10	1.00
C	Sodium Chloride	Sodium Chloride	as needed

Procedure:

1. Mix all phase A ingredients and homogenize.
2. Add phases B, C, D and E ingredients to phase A one at a time.
3. Adjust pH to 5.5.
4. Adjust viscosity with Sodium Chloride.
5. Add fragrance and preservative as desired.

Typical Physical Properties:

Appearance:	Pearlescent liquid
pH:	6.0
Viscosity:	22,000 cPs
Stability:	4 weeks / 50°C

Typical properties are average test data, may vary and are not to be used as or to develop specifications.

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Suppliers:

1. Momentive Performance Materials
2. Solvay Novecare
3. BASF SE

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