

Fixation Pump Spray

HB-DE-18-034-005



Phase	Ingredients	INCI	% by weight	Function
A	Ethanol absolut pH.Eur.	Alcohol	84.65	Solvent
	Water, demin.	Aqua	5.00	
	AMP Ultra PC 2000 (Angus Chemie)	Aminomethyl Propanol	qs*	Neutralizing agent
	D-Panthenol 75 W	Panthenol	0.20	Plasticizer
	Uvinul® MC 80	Ethylhexyl Methoxycinnamate	0.05	UV-B filter
	Perfume Cotton Touch (Symrise)	Parfum	0.10	Fragrance
B	Luvimer® Forte	Acrylates Copolymer	10.00	Fixative

Specifications

Droplet size (Malvern Spraytec; Dv (50); ST-0360-00)	93.12
Appearance -	clear, low-viscous

Performance

Curl retention (spray; 5h; 25°C; ST-0320-02; 90% r.h.)	70.5 %
Curl retention (spray; 24h; 25°C; ST-0320-02; 90% r.h.)	69.2 %
Stiffness (Spray; 21°C; 65%; ST-0400-02)	514 +- 55 cN

Manufacturing Process

Weigh out ethanol, water and AMP and dissolve properly.
Afterwards add the other components of phase A and dissolve them.
Add Phase B and stir until homogeneous.

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*Quantity of AMP

*Quantity of AMP [%] = weight of polymer [%/1000] * acid value of polymer * degree of neutralization [100% for Luvimer Forte] * 1.59
[factor for AMP] / 0.95 [active matter of AMP]

VOC

Please take into account that Luvimer Forte contains ~60% ethanol.
Please see CoA for further details.

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