

BeauSil™ AMO 8950 EM Cationic emulsion of amodimethicone for Personal Care.

Description

Amodimethicones are functionalized silicones with nitrogen groups. These modification improves the deposit and the affinity to the hair. Amodimethicones are showing excellent combing and a good gloss on hair. These silicone polymers are ideal for all kind of hair care application where best performance is needed.

Key Features

- Improves dry and wet combing
- Color and heat protection
- Softness
- Conditioning

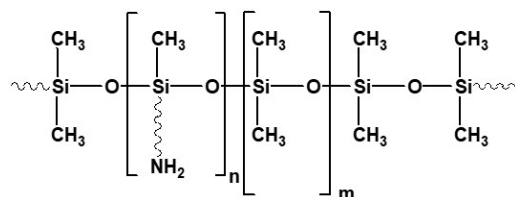
Key Applications

- Conditioner
- Shampoo
- Hair Treatment

Application

BeauSil AMO 8950 EM is a 50% solids cationic emulsion of an amine-functional silicone polymer. The amodimethicone actives are delivered in an opaque, low viscosity liquid with a neutral pH. This emulsion was developed as a conditioning additive for hair care products such as shampoos, conditioners, styling aids, and hair colorants. This product has an industry leading particle size resulting in increased stability and performance.

Structure of Amodimethicone



Health & Safety

Safety Data Sheets on request available.

Packaging

Drum and bulk containers. Please contact our sales department for more information.

Revision Date 12 May 2021
Revision No 2
Download Date 04 Dec 2021

Property

Product

Appearance

INCI Name

Ionicity

MIT Free

Non-Volatile Content (%)

Ultralow cyclic content

Addition Rates

Dosage - 1

Dosage - 2

Dosage - 3

Solubility

Solubility - Almond oil

Solubility - Cetyl Dimethicone

Solubility - Dimethicone 350cst

Solubility - Ethanol

Solubility -

Ethylhexylcarbonate

Solubility - Glycerine

Solubility - IPM

Solubility - Isododecane

Solubility - Paraffin Oil

Solubility - Polysorbate-20

Solubility - Propylenglycol

Solubility - Water

Storage

Max Storage Temperature

Min Storage Temperature

Shelf Life

Test Method

Value

White emulsion

Amodimethicone (and) Trideceth-12 (and) Cetrimonium Chloride

Cationic

Yes

Approx. 50

No

0.5-5.0% in Shampoos

1.0 - 5.0% in Conditioners

0.1 - 0.3% in Leave-On products

Insoluble

Insoluble

Insoluble

Insoluble

Insoluble

Insoluble

Insoluble

Insoluble

Insoluble

Miscible

Soluble

Soluble

40 °C / 104 °F

4 °C / 39 °F

12 mths

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The CHT technical service department is available to offer further information and advice and should it be needed to look at modifying current products or custom formulate a new one to meet your specific requirements. Please contact the technical service department.

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