

BeauSil™ AMO 902 Modified siloxane as an ingredient for Personal Care.

Description

Sugar modified silicones are the “sweet” silicone solution for hair. This unique chemistry of sugar modified Amodimethicone that has all the benefits of typical Amodimethicones without weighting the hair down. Using such sugar modified silicone creates natural softness, best dry and wet combing and improving of shine.

Key Features

- Improves combing behaviour
- Conditioner, Smoothness, Gloss
- Repairing properties
- Volume and Anti-static effect

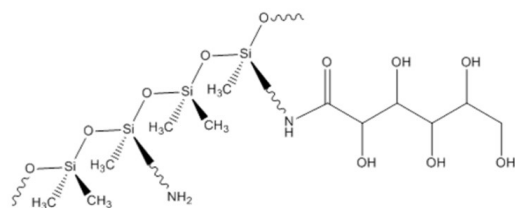
Key Applications

- Hair Care
- Treatments
- Conditioner
- Rinse-off products

Application

BeauSil AMO 902 is a conditioning agent for hair care products such as shampoos, conditioners and styling products. BeauSil AMO 902 provides optimum conditioning and long lasting conditioning effects (gloss, shine, antistatic effects, wave enhancement, combing effect) in hair care treatments.

Structure of a sugar modified Amodimethicone



Health & Safety

Safety Data Sheet on request available.

Packaging

Drum and bulk containers. Please contact our sales department.

Revision Date 12 May 2021
Revision No 2
Download Date 29 Nov 2021

Property

Product

Appearance

INCI Name

Ionicity

MIT Free

Nitrogen Content (%)

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

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

Brookfield

Value

Colourless to yellow liquid

Gluconamidopropyl amino propyl dimethicone

Cationic

Yes

Approx. 0.2

Approx. 100

No

2,000-8,000 cP

0.3 - 3.0% in rinse-off products

0.1 - 2.0% in leave-on products

0.5 - 5.0% in treatments

Miscible

Insoluble

Soluble

Insoluble

Soluble

Miscible

Soluble

Soluble

Miscible

Miscible

Miscible

Insoluble

40 °C / 104 °F

4 °C / 39 °F

24 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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