

CHT-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

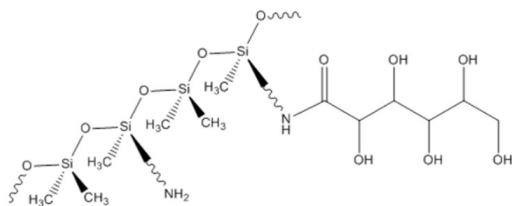
Key Applications

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

Application

CHT-BeauSil™ AMO 902 is a conditioning agent for hair care products such as shampoos, conditioners and styling products. CHT-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



Use and Cure Information

Stir before use.

Health & Safety

Safety Data Sheet on request available.

Packaging

Drum and bulk containers. Please contact our sales department.

Revision Date 19 Dec 2022
Revision No 4
Download Date 19 May 2024

Property

Product

Appearance

INCI Name

Ionicity

MIT Free

Nitrogen Content (%)

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

Test Method

Value

Colourless to yellow liquid
Gluconamidopropyl amino
propyl dimethicone

Cationic

Yes

Approx. 0.2

Approx. 100

Yes

Brookfield 2,000-8,000 cP

Addition Rates

Dosage - 1

0.3 - 3.0% in rinse-off
products

Dosage - 2

0.1 - 2.0% in leave-on
products

Dosage - 3

0.5 - 5.0% in treatments

Solubility

Solubility - Almond oil

Miscible

Solubility - Cetyl Dimethicone

Insoluble

Solubility - Dimethicone
350cst

Soluble

Solubility - Ethanol

Insoluble

Solubility -

Soluble

Ethylhexylcarbonate

Solubility - Glycerine

Miscible

Solubility - IPM

Soluble

Solubility - Isododecane

Soluble

Solubility - Paraffin Oil

Miscible

Solubility - Polysorbate-20

Miscible

Solubility - Propylenglycol

Miscible

Solubility - Water

Insoluble

Storage

Max Storage Temperature

40 °C / 104 °F

Min Storage Temperature

4 °C / 39 °F

Shelf Life

24 mths

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