

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

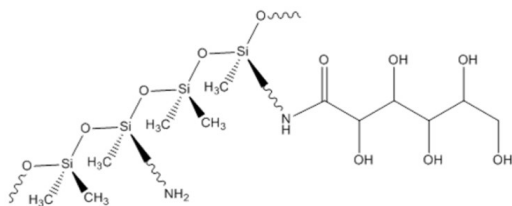
Key Applications

- 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



Health & Safety

Safety Data Sheet on request available.

Packagin

Drum and bulk containers. Please contact our sales department.

Revision Date 19 Dec 2022
Revision No 4
Download Date 22 Mar 2023

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

Value

Colourless to yellow liquid
Gluconamidopropyl amino
propyl dimethicone

Cationic

Yes

Approx. 0.2

Approx. 100

Yes

Brookfield 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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