

CHT-BeauSil™ AMO 804 Modified siloxane as an ingredient 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 combing behaviour
- Smoothness
- Improves Gloss
- Heat and Color protection

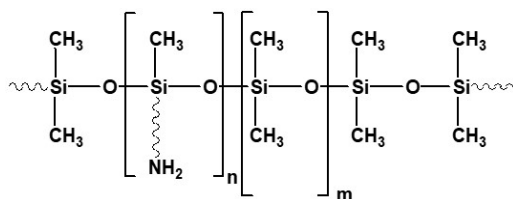
Key Applications

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

Application

CHT-BeauSil™ AMO 804 is a fluid of an amino siloxane used in hair care applications. By the high viscosity of CHT-BeauSil™ AMO 804 it gives a very soft and nice feeling to the hair. It gives repairing properties as well as heat and color protection.

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 08 Dec 2021
Revision No 3
Download Date 09 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

Amodimethicone

Cationic

Yes

Approx. 0.4

Approx. 100

No

Brookfield

1,000-6,000 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

Insoluble

Solubility - Cetyl Dimethicone

Insoluble

Solubility - Dimethicone 350cst

Soluble

Solubility - Ethanol

Insoluble

Solubility - Ethylhexylcarbonate

Soluble

Solubility - Glycerine

Miscible

Solubility - IPM

Soluble

Solubility - Isododecane

Soluble

Solubility - Paraffin Oil

Miscible

Solubility - Polysorbate-20

Insoluble

Solubility - Propylenglycol

Miscible

Solubility - Water

Insoluble

Storage

Max Storage Temperature

40 °C / 104 °F

Min Storage Temperature

4 °C / 39 °F

Shelf Life

12 mths

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