

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

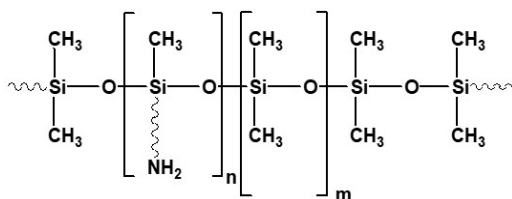
Key Applications

- 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 03 Jul 2024

Property

Product

Appearance
INCI Name
Ionicity
MIT Free
Nitrogen Content (%)
Non-Volatile Content (%)
Ultralow cyclic content
Viscosity

Test Method

Brookfield

Value

Colourless to yellow liquid
Amodimethicone
Cationic
Yes
Approx. 0.4
Approx. 100
No
1,000-6,000 cP

Addition Rates

Dosage - 1

Dosage - 2

Dosage - 3

0.3 - 3.0% in rinse-off products
0.1 - 2.0% in leave-on products
0.5 - 5.0% in treatments

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

Insoluble
Insoluble
Soluble
Insoluble
Soluble
Miscible
Soluble
Soluble
Miscible
Insoluble
Miscible
Insoluble

Storage

Max Storage Temperature
Min Storage Temperature
Shelf Life

40 °C / 104 °F
4 °C / 39 °F
12 mths

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