

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

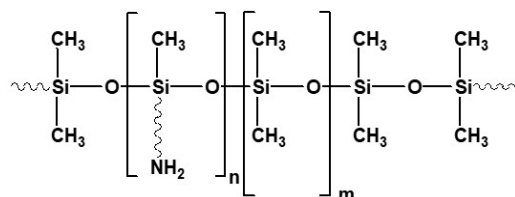
Key Applications

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

Application

BeauSil AMO 804 is a fluid of an amino siloxane used in hair care applications. By the high viscosity of 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 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

Colourless to yellow liquid

Amodimethicone

Cationic

Yes

Approx. 0.4

Approx. 100

No

Brookfield 1,000-6,000 cP

0.3 - 3.0% in rinse-off products

0.1 - 2.0% in leave-on products

0.5 - 5.0% in treatments

Insoluble

Insoluble

Soluble

Insoluble

Soluble

Miscible

Soluble

Soluble

Miscible

Insoluble

Miscible

Insoluble

40 °C / 104 °F

4 °C / 39 °F

12 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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