

CHT-BeauSil™ AMO 808 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, Gloss
- Repairing properties
- Heat and Color protection

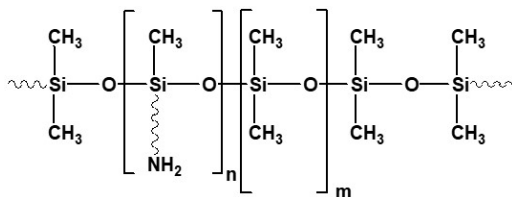
Key Applications

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

Application

CHT-BeauSil™ AMO 808 is a fluid of an amino siloxane used in hair care applications. By the high viscosity of CHT-BeauSil™ AMO 808 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 22 Mar 2023

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. 0.8
Approx. 100
No
<15,000 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
Miscible
Soluble
Miscible
Soluble
Soluble
Insoluble
Insoluble
Miscible
Insoluble

Storage

Max Storage Temperature
Min Storage Temperature
Shelf Life

40 °C / 104 °F
4 °C / 39 °F
24 mths

The content set out in the technical data sheet does not contain information upon which you should rely. It is provided for general information purposes only and does not constitute a product specification. You must obtain professional or specialist advice before taking any action based on the information provided in the technical data sheet. CHT make reasonable efforts to ensure that information set out in the technical data sheet is complete, accurate, and up-to-date. CHT do not, however, make any representations, warranties or guarantees (whether express or implied) that information set out in the technical data sheet is complete, accurate, or up-to-date or that the product will be suitable for your requirements. You should carry out your own testing to determine the applicability of such information and whether the product will be suitable. CHT reserve the right to modify the technical data sheet at any time. 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.

CHT Germany GmbH: Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany
Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, Homepage: www.cht.com / www.cht-silicones.com