

CHT-BeauSil™ AMO 808 Modified siloxane as an ingredient for Personal Care.

Description

Amodimethicones are functionalized silicones with nitrogen groups. These modification improves the deposite 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 were best performance is needed.

Key Features

- Improves combing behaviour
- Smoothness, Gloss
- Repairing properties
- Heat and Color protection

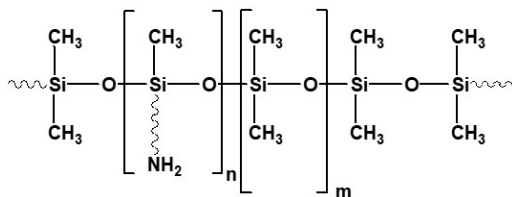
Key Applications

- 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 15 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. 0.8
Approx. 100
No
Brookfield <15,000 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 Miscible
Solubility - Ethylhexylcarbonate Soluble
Solubility - Glycerine Miscible
Solubility - IPM Soluble
Solubility - Isododecane Soluble
Solubility - Paraffin Oil Insoluble
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 24 mths

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