

CHT-BeauSil™ QUAT 202

Silicone quat blend for the use as ingredient for Car and Home Care products

Description

Cationic modified silicone polymer for the use as an ingredient in Personal Care. The cationic polymer has a high affinity to the hair and can work as well as a booster for other ingredients like PQ-10, Amodimethicone and other polymers.

Key Features

- Water soluble
- Improves combing
- Conditioning for Hair
- Light Feel

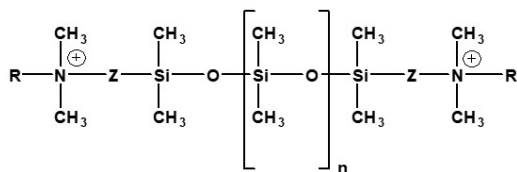
Key Applications

- Shampoo
- Conditioner (Rinse-Off)
- Hair Treatments (Leave-In)
- Showergels

Application

CHT-BeauSil™ QUAT 202 is an ideal ingredient for many types of hair care products like shampoos, conditioners, leave-on treatments or 2-in-1 shower gels. Beside providing the conditioning effect, CHT-BeauSil™ QUAT 202 is also ideal as booster for other cationic ingredients like amodimethicones, PQ-10, PQ-7 or the sugar modified silicones such as CHT-BeauSil™ AMO 918 EM.

Structure of a Silicone Quat



Health & Safety

Safety Data Sheets available on request

Packaging

Drum and bulk containers. Please contact our sales department for more information.

Revision Date 16 Aug 2023

Revision No 7

Download Date 03 Jul 2024

Property

Product

Appearance

Chemistry

INCI Name

Ionicity

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

Addition Rates

In Conditioners

In Leave on Products

In Shampoos

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

Value

Colourless to yellowish fluid

Silicone quat

Quaternium-80 (and)

Propylenglycol

Cationic

Approx. 50

Yes

Brookfield 500 - 1.500 cP

0.5 to 2.0% %

0.1 to 1.0% %

0.1 to 2.0% %

Yes

No

No

Yes

Yes

Yes

Yes

Yes

Yes

No

Yes

Yes

Yes

40°C °C / 104 °F

+4°C °C / 39 °F

12 mths

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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