

Technical Information

Rheocare® C Plus

PRD 30537848

Valid since	10.01.2020
Revision	4.0
WF-No.	22466
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Care Chemicals**Rheology Modifier****INCI name(s)**

Carbomer

Chemical description

Highly crosslinked polyacrylic acid

Physical form:

Off-white, free flowing powder, slight acetic odor

CASR-No.

9003-01-4

Ingredient

2-Propenoic acid, homopolymer

Characteristic values

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the product.

Quality control data

(Data which is used for quality release and is certified for each batch.)

Test property

Appearance at room temperature

Odor at room temperature

Viscosity Brookfield (25 °C; RVT;
sp. 7, 20 rpm; pH 7.5 neut. NaOH,
@0.5%)

Residual solvent

Transmission (420 nm, cell: 1 cm)

Specification

Corresponds to the standard

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45000 - 65000 mPas

max. 0.1 %

min. 92.0 %

Test method

Internal method 93006

Internal method 93007

ISO 2555

GC

Internal method 801

Storage information**Shelf life**

24 months

Storage temperature

< + 30 °C

Storage conditions

In original sealed containers and protected from moisture

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Care Chemicals**Stabilising additives / Auxiliaries****Preservatives**

not present

Antioxidants

not present

Solvents

not present

Others

not present

General information**Raw material basis**

Petrochemical: (mineral oil / natural gas)

Composition hints for finished product label**INCI Components****INCI Name (US/EU/CN)**

Carbomer

Content

95 - 100 %

Water Content**Content**

0 - 5 %

Miscellaneous information**Example of use**

The Product is a highly efficient thickener for personal care applications, particularly designed to thicken aqueous solutions, suspend insoluble ingredients and stabilize emulsions.

It is designed to be applied within hair and skin care applications particularly where high viscosity build is required coupled with gel transparency and achieved with small addition levels of polymer so as to maximise efficiency and cost effectiveness.



We create chemistry

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Care Chemicals

Intended for use as cosmetic ingredient

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