

HANSA CARE 1050 Modified polysiloxane as an ingredient for Home and Car Care.

Description

This kind of silicone polymer is ideal to reduce the surface tension of liquid formulation to ensure a good spreading and wetting during application.

Key Features

- Wetting effect
- Levelling effect
- Cleansing effect
- Sheeting effect

Key Applications

- Floor Care
- Leather Care
- Furniture Care
- Car Care

Application

Due to the non-ionic character of HANSA CARE 1050 it can be easily combined with other finishing products. Its low surface tension enables an easy wetting of polar and non-polar hydrophobic surfaces such as e.g. polyethylene, polyvinyl chloride or siliconised materials by aqueous systems. This will improve the adhesion of care films, adhesives or coatings.

Health & Safety

Safety Data Sheets available on request

Packaging

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

Revision Date 29 Apr 2021
Revision No 1
Download Date 16 Feb 2025

Property

Product

Appearance

Chemistry

Density

Ionicity

MIT Free

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

Addition Rates

Dosage - 1

Dosage - 2

Storage

Max Storage Temperature

Min Storage Temperature

Shelf Life

Test Method

BS ISO
2781

Brookfield

Value

**Colorless to yellow liquid
Polyether modified
polysiloxane**

1.00 - 1.04 g/cm³

Non-ionic

Yes

Approx. 100

Yes

< 100 cP

**0.1 - 0.5% in total
formulations for levelling**

**2.0 - 5.0% in rinse aid
formulations for
commercial vehicles**

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