

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

Property

Product

Appearance

Chemistry

Density

Ionicity

MIT Free

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

Test Method

Value

**Colorless to yellow liquid
Polyether modified
polysiloxane**

BS ISO
2781

1.00 - 1.04 g/cm³

Non-ionic

Yes

Approx. 100

Yes

Brookfield **< 100 cP**

Addition Rates

Dosage - 1

Dosage - 2

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

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

Storage

Max Storage Temperature

Min Storage Temperature

Shelf Life

40 °C / 104 °F

4 °C / 39 °F

24 mths

Revision Date 29 Apr 2021

Revision No 1

Download Date 29 Apr 2024

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