

## 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/cm<sup>3</sup>**

**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**

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