

KORASILON® Paste niedrigviskos

KORASILON® Paste niedrigviskos (formerly **Baysilone Paste niedrigviskos**) is based on Polydimethylsiloxanes (Silicon fluids) and contains a small amount of special inorganic thickeners.

Applications

The product is being used as lubricant and release agent for many applications, e. g. valves, seals, cables, ground glass joints

Being chemically indifferent, **KORASILON® Paste niedrigviskos** is widely used as protection and sealing material for sensitive parts of process plants. They are also especially suited for the maintenance of rubber seals. In electrical applications they are used for the installation of insulators and switchgear.

Product properties

- Usable in a wide temperature range (-40 °C to +200 °C), low dependency of viscosity on temperature
- Colorless, odorless, non toxic
- Thixotropic- and hydrophobic behaviour
- Insoluble in water, resistant to sea water and hot steam
- Very good electrical insulator and good dielectric properties
- Inert to many chemicals, resistant to microorganisms
- Good adhesion capacity and lubrication properties
- Good release properties
- Good stability

KORASILON® Paste niedrigviskos complys with the following regulations:

- ✓ BfR-Recommendation XV. Silicone
- ✓ FDA 178.3570 „Lubricants with incidental food contact“
- ✓ RoHS

Technical data*:

Penetration according to Klein in 1/10 mm	300 (soft)
Density at 25 °C in g/cm ³	approx. 1.0
Pour point in °C	approx. -45
Thermal conductivity (DIN 52612) in W m ⁻¹ K ⁻¹	approx. 0.15
Electrical resistance at 25 °C in Ω cm	approx. 10 ¹³

Further information on product safety and handling is given in the Material Safety Data Sheet.

This information and our technical advice – whether verbal, in writing or by way of trials – are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale and Delivery; this is not valid for our trial products

*Informative properties not intended to be used as product specification

**Kurt Obermeier GmbH, Berghäuser Str. 70, D-57319 Bad Berleburg Tel.: +49 (0)2751/524-0,
Fax.: +49 (0)2751/5041, email: info@obermeier.de www.obermeier.de**