KORASILON® Paste mittelviskos

KORASILON® Paste mittelviskos (formerly Baysilone Paste mittelviskos) 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 mittelviskos** 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 mittelviskos 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	270 (medium)
Density at 25 °C in g/cm³	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.

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*Informative properties not intended to be used as product specification

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