

KORASILON® Pasten M-S 1-230, 1-270

KORASILON® Pasten M-S are based on mid-viscous Polydimethylsiloxanes and contain small amounts of special inorganic thickeners.

The products are being used as lubricants and release agents for many applications, e. g. valves, seals, cables, ground glass joints

Being chemically indifferent, **KORASILON® Pasten** are widely used as protection and sealing materials 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 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® Pasten M-S 1-230, 1-270 comply with the following regulations:

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

Technical data*:

| | M-S 1-230 | M-S 1-270 |
|----------------------------------|--|-----------|
| Penetration according to Klein | 230 (stiff) | 270 (mid) |
| Density at 25 °C | approx. 1.0 g/cm ³ | |
| Stability 30 h/200 °C | stable, no flowing | |
| Pour point | approx. -45 °C | |
| Thermal conductivity (DIN 52612) | approx. 0.15 W m ⁻¹ K ⁻¹ | |
| Electrical resistance at 25 °C | approx. 10 ¹³ Ω·cm | |

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

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