

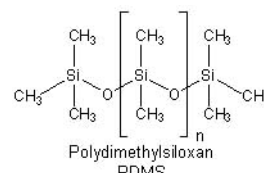
Lieferprogramm für die Elektroindustrie

Polysiloxane Fluids

KORASILON® ÖI MKI 50

Chemical Description: Polydimethylsiloxane (PDMS)

Characteristic: **KORASILON® ÖI MKI 50** is a special liquid Polydimethylsiloxane for the use as coolant and insulating fluid in transformers and capacitors with a water content < 50 ppm.



Application: **KORASILON® ÖI MKI 50** is a pure, non-volatile and non-corrosive silicone-oil, which was developed especially for transformers and other electrical installations. By its special polymer structure and its high flash point of more than 240 °C **KORASILON® ÖI MKI 50** is a hardly inflammable liquid. In case of fire a silicon dioxide layer is formed on the liquid surface thus providing a self-extinguishing effect.

Application: As coolant and insulating fluid in transformers and capacitors

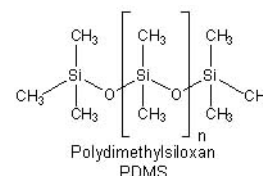
Delivery form: **KORASILON® ÖI MKI 50** is delivered with a viscosity of 50 mPas.

KORASILON® Öle M

Chemical Description: Polydimethylsiloxane (PDMS)

Characteristic: Die **KORASILON® Öle M** are linear, clear, water-light Polydimethylsiloxanes

On request silicone fluids of different viscosities and an especially water content of < 50 ppm could be offered.



The specifically modified **KORASILON® Öle M** may than also, be used like **KORASILON® ÖI MKI 50**.

Application: As coolant and insulating fluid in transformers and capacitors

Delivery form: All viscosities possible, particular mentioned should be **KORASILON® ÖI M 10.000**.

KORASILON® Öle G

Chemical Description: Special fluids based on Polysiloxanes

Characteristic: **KORASILON® Öle G** are characterized by an excellent and long-lasting glide.

Application: **KORASILON® Öle G** are used in industrial applications where exceptional gliding properties are required especially as assembling aid.

Delivery form: **KORASILON® Öle G** can be tailored in various viscosities to individual customer requirements

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KORASILON® Paste AA-S 250

Chemical Description:	Medium stiff paste based on alkyl-arylsiloxanes and proportions of small amounts of special inorganic thickeners
Characteristic:	KORASILON® Paste AA-S 250 causes no or only a little swelling to silicon sealings. Therefore, treated parts can easy to disassembled. This product has proven very good compatibility with typical polydimethylsiloxane-based and non-silicone insulation material. Good electrical insulation and dielectric behavior.
Application:	KORASILON® Paste AA-S 250 is particularly suitable as installation aid, sealant and protective paste for switchyards as well as for permanent lubrication. Usable in a wide temperature range (-20 to +200 °C)
Delivery form:	Tubes, cans, hobbock/drum

KORASILON® Paste P-S 250

Chemical Description:	Paste based on arylsiloxanes (modified polysilicon) and proportions of small amounts of special inorganic thickeners
Characteristic:	KORASILON® Paste P-S 250 meet special requirements regarding temperature and chemical stability up to 300 °C. Good low temperature behavior, excellent electrical insulation and dielectric behavior.
Application:	For the use for silicone-based cable coverings, KORASILON® Paste P-S 250 is recommended due to the non – or only low - swelling behavior. This product has proven good compatibility with typical polydimethylsiloxane-based and non-silicone insulation material.
Delivery form:	Tubes, cans, hobbock/drum

Lieferprogramm für die Elektroindustrie

Special chemicals

Molecular sieves

Zeolite UOP® for drying and cleaning of gases and liquids

Ion-exchange resins

Ion-exchange resins Lewatit® for water-purification

NOTE:

Further informations are available from the particular data sheets of the products.
Which we will provide you with on request.

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.

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