TECHNICAL Information

NKT GmbH
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Assembling paste MV3 for cable accessories 21527-35

The assembling paste **MV3 for cable accessories** is a medium-stiff paste based on inorganic thickener in synthetic oil with additives.

Application

The **MV3 assembling paste** has proven as lubricant and assembly appliance for cable accessories as well as protection and sealing paste for switchgear in electrical engineering and in the field of permanent lubrication.
This paste has the great advantage, that it remains neutral to our silicon materials. Hence a dis-assembling is usually unproblematic.

MV3 assembling paste is superior to conventional PAG based pastes (MV1) due to the resistance to water and a higher electrical insulation value.

Information on product safety and handling, please refer to the Material Safety Data Sheet.

Product features

- Very good sliding and lubricant properties due to the good viscosity-temperature behaviour
- Reliable sealing of removable components and connections
- Good electrical insulation, excellent dielectric properties
- Wide temperature range (-50 to +150 °C)
- Good adhesion on many surfaces
- Good release effect against many elastomers and plastics
- Odourless, non-toxic
- Water-Resistant, water-insoluble
- Hydrophobic behaviour
- Packaging in tube with sponge top allows easy and direct processing
- All tube are marked with a batch number for traceability
- RoHS-Compliant

Technical Specifications*:

	MV3 assembling paste
Penetration to Klein in 1/10 mm	310 – 340
Permittivity εr at 20°C	2.5
Dissipation factor tanδ	0.003
Dielectric strength according to DIN EN 60156	>20kV/mm
Density at 25 °C in g/cm³	approx. 0.9

*This information is intended as a guide and should not be used in preparing specifications

NKT GmbH, Nordenham

The company is manufacturing and developing medium voltage power cable accessories up to 42 kV and high voltage power cable accessories up to 145kV.

- The cable accessories are developed and manufactured in Germany, location Nordenham
- The company is certificated in accordance to DIN EN ISO 9001, 14001 and 50001