



TURMSILON K 50



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TURMSILON K 50 is a liquid, crystal clear polymethylsiloxane.

TURMSILON K 50 has a temperature range of -50°C up to +150°C, in closed systems and under inert gas atmosphere up to 200°C.

Special properties

- Low pour point
- Neutral towards elastomers except silicone rubber
- Low vapour pressure
- Low pressure dependence of the viscosity
- Wide temperature range
- Good viscosity-temperature behaviour

Product Characteristics	Value	Dimension	Norm / Standard
Colour	clear, transparent		
Density at 20°C	0,96	g/cm ³	DIN 51757
Operating temperature range	-50 to 150	°C	
Oil type	Silicone oil		
Kinematic viscosity at 25°C	50	mm ² /s	DIN EN ISO 3104
Kinematic viscosity at 40°C	40	mm ² /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	16,0	mm ² /s	DIN EN ISO 3104
Viscosity index (VI)	390		DIN ISO 2909
Pour point	< -50	°C	DIN ISO 3016
Flash point	> 250	°C	DIN EN ISO 2592

Application

TURMSILON K 50 is suitable as heat carrier oil.

TURMSILON K 50 is specially used as release agent or lubricating oil for material pairing plastic/metal or plastic/plastic.

Packaging units

5 l canister, 20 l canister, 60 l drum, 200 l drum



The products are subject to continuous strict production controls and comply with our own factory specifications. A warranty for each case cannot be given, due to the variety of relevant factors. Therefore, we recommend the implementation of field tests. Herewith, any liability is expressly excluded.

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