

TEQFEEL 100**PRODUCT DESCRIPTION**

TEQFEEL 100 is a 100% polydimethylsiloxane of viscosity 100 mm²/s. The product differs from organic materials in its physical and chemical properties such as high and low temperature stability, good dielectric properties, low interfacial energy, and chemical inertness. TEQFEEL 100 can be used in a wide range of applications ranging from heat transfer media and hydraulic fluids to polish and antifoam formulation.

INCI Name Polydimethylsiloxane

APPLICATIONS

Heat transfer media
Hydraulic fluids
Dielectric fluids
Water repellents
Polishes
Lubricants
Antifoams
Mould release agents.

FEATURES

High and low temperature stability
Low pour point
Low temperature and pressure dependence of viscosity
Good dielectric characteristics
Low interfacial energy
High surface activity
High compressibility
Chemical inertness

SPECIFICATION

PARAMETERS	VALUE	TEST METHODS
Viscosity at 25 °C	100 Mm ² /s	KL-001
Density at 25 °C	0,97 g/cm ³	KL-002
Pour Point	~ -50 °C	KL-003
Flash Point	~ 300 °C	KL-004
Ignition Point	> 400 °C	KL-005
		KL-006

Typical product data values should not be used as specifications.

Handling and Safety

Material Safety Data Sheets are available upon request from Kale Kimya. Similar information for solvents and other chemical used with Kale Kimya materials products should be obtained from suppliers. When solvents are used, proper safety precautions must be observed.

Storage and Warranty Period

The warranty is 24 months from date of shipment from Kale Kimya if stored in the original unopened container protected from moisture.

DISCLAIM

Kale Kimya AS is part of Kale Kimya Group. Those presented in this document, our research so far, our experience and knowledge within the information provided is accurate. In case of changes in operating conditions and methods of application, any information given in this document can not be considered as guarantees and preliminary tests are recommended. For more information, our laboratory will provide support services.

KALE KİMYA KİMYEVİ MADDELER SANAYİ VE TİCARET A.Ş

KALE KİMYA VİZYON R&D CENTER
Esentepe E-5 Yanyol Caddesi Vizyon Bulvarı No: 13
34870 Kartal - İstanbul / TÜRKİYE
Phone: + 90 216 658 07 70

FACTORY
İstiklal OSB1 Mah. 6. Cadde No: 4/4
81600 Beyköy - Düzce / TÜRKİYE
Phone: +90 380 552 52 52

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