

WACKER® AKF 1000

Linear Silicone Fluids

WACKER® AKF 1000 is a linear, non-reactive polydimethylsiloxane with a viscosity of approx. 1000 mm²/s. The chemical structure of WACKER® AKF 1000 imparts a spectrum of special properties, which distinguish it from organic materials, e.g. mineral oils.

Properties

WACKER® AKF 1000 is noted for its very low volatile content, high purity and excellent release properties.

Technical data

General Characteristics

Property	Condition	Value	Method
Appearance	-	clear, colorless	-
Viscosity, kinematic	25 °C	approx. 1000 mm ² /s	DIN 53019
Refractive index	25.0 °C	approx. 1.404	DIN 51423
Flash point	-	> 300 °C	DIN 51376
Ignition temperature	-	450 °C	not specified
Melting point	-	approx. -50 °C	-
Volatility ⁽¹⁾	10 g 24 h 200 °C	0.00 - 0.50 %	-

¹Porcelain dish, diameter 9.6 cm, circulating air

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Applications

- Antifriction Agents & Lubricants
- Non-Impact-Printing

Application details

WACKER® AKF 1000 is used as release agent in electrophotographic equipment, such as copiers and laserprinters.

Packaging and storage

Storage

Maximum temperature allowed during storage and transportation: 50 °C

Keep container tightly closed.

The "Best use before end" date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable.

In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

QR Code WACKER® AKF 1000



For technical, quality or product safety questions, please contact:

Wacker Chemie AG, Gisela-Stein-Strasse 1, 81671 Munich, Germany
productinformation@wacker.com, www.wacker.com

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