

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
Flash point	-	> 300 °C	DIN 51376
Ignition temperature	-	450 °C	not specified
Pour point	-	approx. -50.0 °C	DIN ISO 3016
Refractive index	25.0 °C	approx. 1.404	DIN 51423
Viscosity, kinematic	25 °C	950 - 1050 mm ² /s	DIN 53019
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

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.