

WACKER® L 066

Functional Silicone Fluids

WACKER® L 066 is a 100% polysiloxane polyethylene glycol copolymer.

Properties

Because of its special structure WACKER® L 066 exhibits unique high surface activity, which allows it to wet and spread effectively on nearly any surface.

WACKER® L 066 is therefore primarily used for lowering the surface tension of aqueous and non-aqueous solutions, as a highly effective wetting agent and for hydrophilic treatment of numerous materials and surfaces.

Specific features

- Fluid

Technical data

General Characteristics

Property	Condition	Value	Method
Viscosity, kinematic	25 °C	10 - 25 mm ² /s	DIN 51562-1
Appearance	-	clear fluid	-
Cloud point	1 % in H ₂ O	< 20.0 °C	-
Density	25 °C	1.013 - 1.027 g/cm ³	-
Flash point	-	105 °C	ISO 3679
Surface tension	25 °C 1 % in H ₂ O	20.3 mN/m	-
Surface tension	25 °C 0.1 % in H ₂ O	20.5 mN/m	-

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

- Agricultural Solutions
- Surface Care

Application details

- WACKER® L 066 enables efficient wetting and improves the effectiveness of water- based herbicides, insecticides and fungicides (used in concentrations between 0.05-0.25%).
- WACKER® L 066 significantly improves the penetration of ironsulfate to prevent/cure iron chlorosis and ofmagnesium chlorate in cotton defoliation (used in concentrations between 0.05-0.25%).
- WACKER® L 066 improves wetting of hydrophobic surfaces, e.g. in the textile industry.
- Hydrophilic treatment of hydrophobic surfaces like plastics (enhanced wetting and antistatic effect).

Ross-Miles foam test:

0.1% solution in water 8 German hardness Height of foam at 25°C mm 37

Solubility in:

Water cloudy solution

Alcohols good

Aromatic solvents good

Packaging and storage

Storage

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® L 066



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

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