

WACKER® FINISH WR 1100 LV

Functional Silicone Fluids

WACKER® FINISH WR 1100 LV is a reactive aminoethyl-aminopropylfunctional polydimethylsiloxane with a reduced level of cyclic siloxanes.

Properties

WACKER® FINISH WR 1100 LV is particularly suitable as active substance in softener formulations for the impregnation of fibers and textiles.

WACKER® FINISH WR 1100 LV imparts a very soft, drapable, and elastic touch to woven and knitted fabrics.

WACKER® FINISH WR 1100 LV is considered to be the best softening agent for PES/cotton fabrics.

WACKER® FINISH WR 1100 LV has only little effect on the degree of whiteness in a softener formulation. As a rule no adverse effect on the shade or color fastness properties of coloured goods is observed.

As part of formulations used as fill fiber finish WACKER® FINISH WR 1100 LV imparts excellent slickness and resilience to the fiber.

Specific features

- Low VOC

Technical data

General Characteristics

| Property | Condition | Value | Method |
|---|-----------|---------------------------|-----------|
| Amine number | - | approx. 0.15 ml 1 N HCl/g | - |
| Viscosity, dynamic | 25 °C | approx. 4000 mPa·s | DIN 53019 |
| Appearance clear to slightly turbid fluid | - | - | - |

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

- Softeners & Hydrophilic Softeners
- Textile & Leather
- Textile Finishing
- Textiles & Leather

Application details

Processing:

WACKER® FINISH WR 1100 LV can be applied neat, from solution, or emulsion. Suitable solvents are aliphatic and aromatic hydrocarbons, chlorinated hydrocarbons, esters, higher alcohols, and ketones.

Most textile processes are waterbased. Hence WACKER® FINISH WR 1100 LV is mainly applied from emulsion. WACKER® FINISH WR 1100 LV is suitable for the formulation of microemulsions and macroemulsions.

WACKER® FINISH WR 1100 LV can be used as sole active substance in softener emulsions or in combination with other components, e.g. paraffines, esters of fatty acids, etc. Compatability of the components has to be checked in each individual case.

Emulsions of WACKER® FINISH WR 1100 LV are diluted to the optimum concentration for the specific fabric. Application can be done by padding or exhaustion.

Packaging and storage

Packaging

WACKER® FINISH WR 1100 LV is supplied as follows:

- 0.9 kg sample
- 190 kg drum
- 950 kg IBC
- bulk delivery

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.

QR Code WACKER® FINISH WR 1100 LV



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

Wacker Chemie AG, Hanns-Seidel-Platz 4, 81737 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.