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.

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.

Applications

- 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:

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