

LIOSIL[®] FC 110



Functional Silicone Fluids

LIOSIL[®] FC 110 is a self-dispersible polyether-amino-functional silicone fluid, especially for fabric softeners.

Properties

Specific features

- Silicone Fluid
- Technical grade

Technical data

General Characteristics

Property	Condition	Value	Method
Solids content	-	approx. 100 %	-
Emulsifier type	-	n.a.	-
Appearance and color	-	clear to slightly turbid yellowish	-

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

- Protect & Care

Application details

LIOSIL[®] FC 110 is combined with conventional fabric softeners and improves the properties of the fabric softeners. LIOSIL[®] FC 110 is easy to mix with fabric softeners. Due to the selected functionality of LIOSIL[®] FC 110 the hydrophilicity of the fabrics are improved significantly, by which the water absorbency is increased. LIOSIL[®] FC 110 improves the softening efficacy of fabric softeners and the fabrics get a significant softer and pleasant touch.

Processing

Preferably LIOSIL[®] FC 110 is mixed into the fabric softener at the end of the formulation process by gently stirring.

Example for a fabric softener with LIOSIL[®] FC 110:

- 20,0 parts esterquat, e.g. Stepantex VK 90 (50°C) are poured slowly into
- 77,6 parts demineralized water (50°C) while stirring until the mixture is homogenous.
- 0,4 parts CaCl₂ solution (25%) are added
- q.s. perfume, dye, preservative are added
- 2 parts LIOSIL[®] FC 110 are added while stirring at elevated temperature until the formulation is homogenous.

Dosage recommendation: Ca. 1 - 3 % LIOSIL[®] FC 110 in the fabric softener formulation.

The dosage of LIOSIL[®] FC 110 in the fabric softener depends on the expected effects.

The level of organic softener can be reduced in favor of LIOSIL[®] FC 110.

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 LIOSIL® FC 110



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

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