

LIOSIL[®] FC 203



Functional Silicone Fluids

LIOSIL[®] FC 203 is a self-dispersible aminofunctional silicone fluid with polyether groups.

Technical data

General Characteristics

Property	Condition	Value	Method
Active content	-	approx. 100 %	-
Solids content	-	approx. 100 %	Microwave oven
Amine number	-	approx. 0.2 mmol N/g	-
Appearance	-	clear to slightly turbid, yellowish fluid	-
Viscosity, dynamic	25 °C Brookfield, spindle 2 / 2,5 rpm	approx. 3500 mPa·s	-
pH	-	approx. 8	Indicator strips

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 203 is combined with conventional fabric softeners. Due to the special composition LIOSIL® FC 203 improves the hydrophilicity of the fabrics by which the absorbency is increased significantly. Additionally, LIOSIL® FC 203 reduces the friction force of the iron and therefore the ironing properties are improved.

Processing

Preferably, LIOSIL® FC 203 is mixed with the fabric softener at the end of fabric softener production by stirring gently.

Example for a fabric softener with LIOSIL® FC 203:

20.0 parts esterquat, e.g. Stepantex VK 90 (50°C) are poured slowly in 75.6 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;

4 parts LIOSIL® FC 203 are mixed while stirring.

Dosage recommendation: About 3 - 6 % LIOSIL® FC 203 in the fabric softener formulation.

The dosage of LIOSIL® FC 203 in the fabric softener depends on the desired effects.

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 203



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

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