

WACKER® FINISH CT 210 E

Functional Silicone Fluids

WACKER® FINISH CT 210 E is a nonionic macroemulsion of a reactive, aminofunctional silicone fluid. It is a self-crosslinking one component finish for the fill fibre application.

Properties

WACKER® FINISH CT 210 E offers a fill fiber particular for Polyester fiber applicable in alkaline bath

Specific features

- Concentrate
- Dilutable with water

Technical data

General Characteristics

Property	Condition	Value	Method
Active substance	-	60 %	-
Solid content	-	66 %	-
pH	-	10	-
Appearance	-	milky-white liquid	-
Active substance functional Polysiloxane	-	-	-
Density	20 °C	1 g/cm ³	DIN 51757
Ionogenity	-	Nonionic	-

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

- Fiber Finishing
- Fiber Finishing
- Textile & Leather
- Textile Finishing

Application details

Polyester fill fibre can be rendered resilient with WACKER® FINISH CT 210 E. WACKER® FINISH CT 210 E is applied to the fill fibres by dipping and padding or spraying. The practical concentration of application depends on the impregnating method (spraying or dipping and squeezing). Particularly recommended for this, the add on weight being 0.3 - 0.8 %. Drying and crosslinking is obtained by heating up to 120 - 160 °C for few minutes. The crosslinking and the associated properties like permanence, slickness and resilience can be adjusted through pH-value variations. The crosslinking speed and degree of crosslinking can be gradually reduced with the addition of acetic acid. Recipe example: 40 „g/l,,WACKER® FINISH CT 210 E 0 - 0.20„g/l,,Acetic acid (80 %) For improving the antistatic behaviour of the PES-fibre, organic antistatic agents can be added to the formulation. Impregnating bath properties Impregnating baths normally will remain unchanged for several hours. In this connection it must be noted that high pH values can cause premature changes in bath stability. Resistance to laundering and dry cleaning The touch and resilience of fibres impregnated with WACKER® FINISH CT 210 E are totally unaffected by repeated domestic laundering at 40 °C (using detergents for delicate fabrics) and dry cleaning. WACKER® FINISH CT 210 E imparts slickness and resilience to polyester fill fibre. WACKER® FINISH CT 210 E has proven favourable for use in quilts, pillows and similar articles. The effects thus produced are unaffected by domestic laundering and dry cleaning.

Packaging and storage

Packaging

WACKER® FINISH CT 210 E is available in:

- 0.5 kg sample
- 200 kg drum
- 950 kg IBC

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® FINISH CT 210 E



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

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