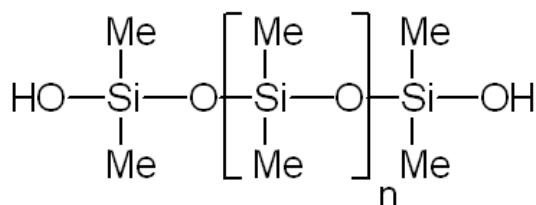


WACKER® CT 601 M

OH-FUNCTIONAL SILICONE FLUID

Product description

Structural formula:



WACKER® CT 601 M is a clear, colorless polydimethylsiloxane fluid having silanole groups in α,ω - position. By functionalizing the Polydimethylsiloxanes on the ends of the chain defined products are obtained having a functionality of 2.

Due to their silanole groups WACKER® CT 601 M react with themselves or with functional silanes in a condensation reaction.

The silicone fluids react with Si-H containing fluids by evolution of hydrogen.

OH-terminated fluids are available in a broad range of viscosities.

Application

The reactive WACKER® CT 601 M primarily are suitable for intermolecular crosslinking for achieving the desired increase in elasticity.

Reactive silicones serve not only to improve the properties of the material, but also the processing conditions. For example, they are used in the finishing of jeans and in pigment printing.

They also produce ideal lustrous effects on almost all materials and allow for special effects to be obtained in elastomeric finishing of fibrefill, knit goods and machine washable wool.

WACKER® CT 601 M are used in following applications of the textile auxiliary industry:

- Lustrous effects
- Finishing of jeans
- Pigment printing
- Waterproofing
- Elastomeric finishing of
 - Fibrefill
 - Knitgoods
 - wool (machine washable)

Processing

WACKER® CT 601 M can be used neat, from solution, or emulsion. Suitable solvents for WACKER® CT 601 M are aliphatic and aromatic hydrocarbons, chlorinated hydrocarbons, esters, higher alcohols, and ketones.

The fluids can be reacted with other components neat, in solution, in emulsion, or on the finished textile using appropriate conditions.

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>.

Product data

Typical general characteristics	Inspection Method	Value
Viscosity, dynamic at 25 °C		approx. 600 mPa.s

These figures are only intended as a guide and should not be used in preparing specifications.

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.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

WACKER® is a trademark of Wacker Chemie AG.

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

Wacker Chemie AG
Hanns-Seidel-Platz 4
81737 München, Germany
info.silicones@wacker.com

www.wacker.com