

# WACKER® F1006

## Functional Silicone Fluids

WACKER® F1006 is a clear, colorless polydimethyl siloxane fluid having silanol group in the terminal position.

Due to the silanol groups WACKER® F1006 reacts with itself or with functional silanes in a condensation reaction.

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

## Technical data

### General Characteristics

Property	Condition	Value	Method
Alpha color	-	0 - 30	-
OH as SiOH by FTIR	-	1.0 - 2.0 %	-

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.

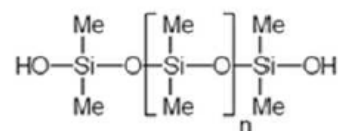
## Application details

The reactive WACKER® F1006 is 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.

WACKER® F1006 may be used to impart hydrophobicity to silica. For example, it can be mixed with silica at 0.5% to 10% weight level.

Structural formula:



## Processing

F1006 can be used neat, from solution or emulsion. Suitable solvents for F1006 are aliphatic and aromatic hydrocarbons, chlorinated hydrocarbons, esters, higher alcohols and ketones.

## Packaging and storage

### Storage

The "Best use before end date" of each batch is shown on the Certificate of Analysis. Storage beyond the date specified on the Certificate of Analysis 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

For specific information regarding safe handling of this material, please refer to the Safety Data Sheet.

## QR Code WACKER® F1006



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

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