

# SEMICOSIL<sup>®</sup> M3E

## Silanes

SEMICOSIL<sup>®</sup> M3E is Methyltriethoxysilane of high purity.

Empirical formula  $C_7H_{18}O_3Si$  CAS No.: 2031-67-6 | Molecular weight 178

## Properties

- high purity
- low metal content
- low chloride content

## Technical data

### General Characteristics

Property	Condition	Value	Method
Appearance	-	colorless, clear liquid	ASTM D 624
Assay by Gas Chromatography	-	99.0 %	-
Boiling point	1013 hPa	143 °C	-
Density	25 °C	0.89 g/cm <sup>3</sup>	DIN 51757
Melting point	-	< -40 °C	-
Refractive index	-	1.3805 - 1.3815	-
Solubility	-	Soluble in most common organic solvents g/l	-

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

- Products for the Semiconductor Industry

## Application details

SEMICOSIL® M3E was developed for the semiconductor industry, e.g. as precursor for low dielectric constant interlayer dielectrics.

## 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 SEMICOSIL® M3E



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

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